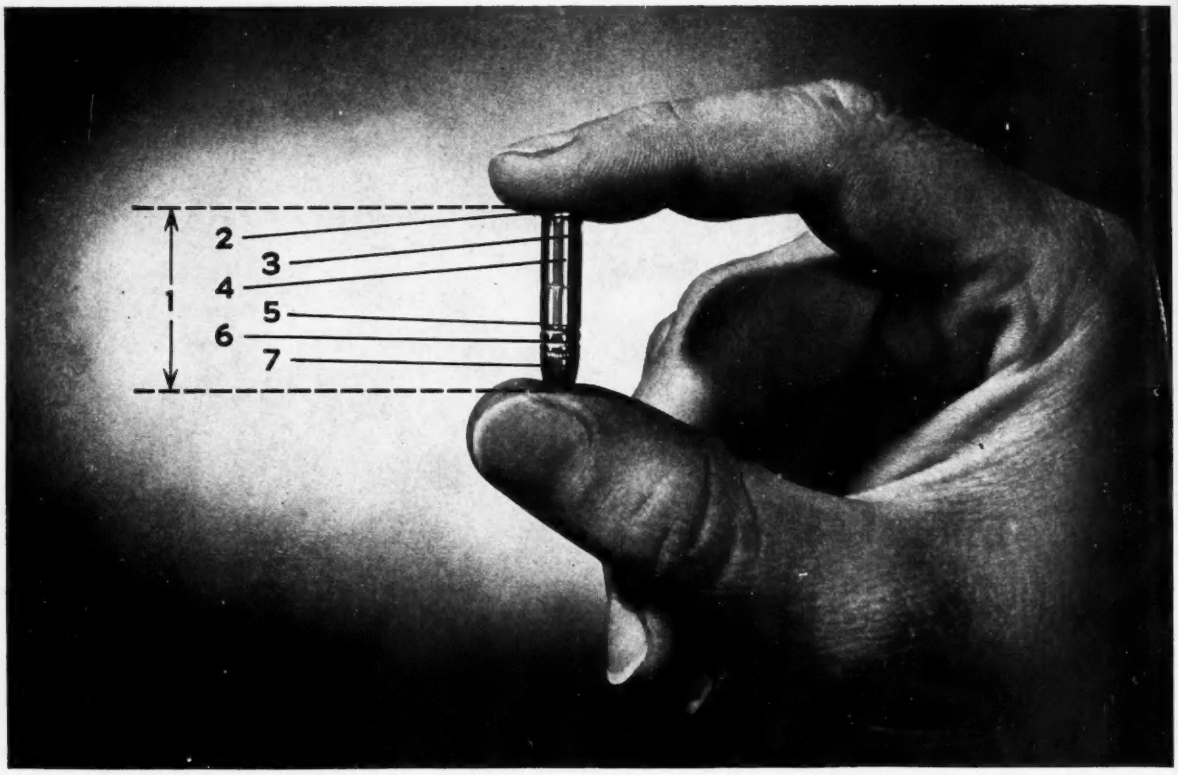
AMERICAN RIFLEMAN



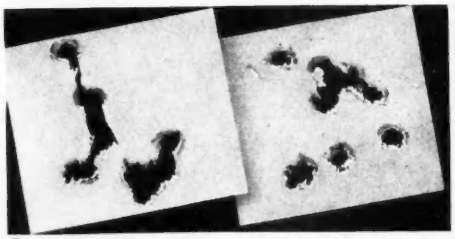
9 Points to a Possible

WHAT IS IT—besides you and your gun—that makes a possible? *Ammunition!* From their years of experience in making and testing highly accurate match ammunition, Peters experts outline the points they say are *musts* for possibles.

1. **Overall Dimensions** must be *right* from cartridge to cartridge.
2. **Primer**—must give never-failing, instant ignition.
3. **Powering**—just the right powder, just the right amount.
4. **Cases**—must have right dimensions, weight and strength.
5. **Crimping** . . . must hold bullet with just the right grasp.
6. **Knurling** of bullet must mesh perfectly with gun rifling.
7. **Bullet**—must have right balance, hardness, strength, weight and shape.

8 and 9—see them at right. And next time you go match shooting, or practice shooting, load up with the ammunition that packs the 9 points for possibles . . . Peters "Police Match" 22's, 32's, 38's and 45's . . . Peters "Dewar Match". . . or Peters "Target" match cartridges. *There's no more accurate ammunition in the world!*

8. ONCE BUILT, samples from every lot of Peters match cartridges are torn apart! Careful tests keep production up to the highest standards.



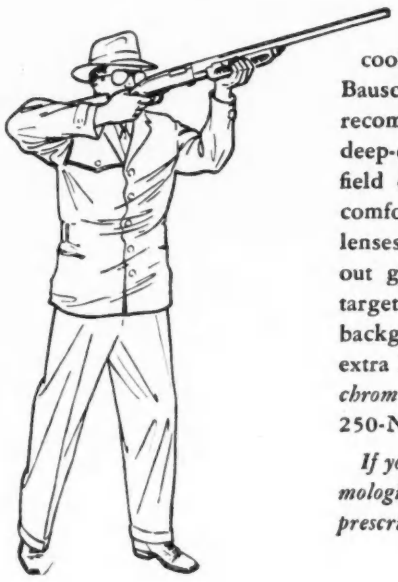
9. THE PROOF must be on the bull's-eye! Samples from every lot of Peters match cartridges are *test-fired* from pistols in machine rest. Tight groups are the Peters standard—the experts keep 'em meeting it.

PETERS
PACKS THE POSSIBLES

PETERS CARTRIDGE DIVISION—*Remington Arms Company, Inc. —Bridgeport 2, Conn.— "Dewar Match" and "Target" are Reg. U.S. Pat. Off.—"Police Match" is a trade mark of Peters Cartridge Division.*

DU PONT

The *Champions'* Shooting Glass...



Glare and visual fatigue can be among your most serious handicaps in competitive shooting. Top-ranking trap, skeet, rifle, and hand-gun men find Ray-Ban the answer to cool, comfortable, efficient vision. This is the Bausch & Lomb shooting glass, designed to the recommendations of leading shooters. Large, deep-curved lenses, shaped to give the widest field of unobstructed vision. A strong frame, comfortable on-the-face fit. Exclusive Ray-Ban lenses, made from Ray-Ban glass that filters out glare and transmits a sharp view of the target. For penetrating haze and increased background contrast on dull days, you'll want an extra Ray-Ban Shooting Glass fitted with *Kali-chrome* lenses. Bausch & Lomb Optical Co., 250-N Lowell St., Rochester 2, N.Y.

If you wear glasses, ask your optometrist, ophthalmologist, or optician about Ray-Bans in your own prescription.

Purchase Your Shooting Equipment On Our

TIME PAYMENT PLAN

And Enjoy Its Immediate Use

ONE-FOURTH WITH ORDER, balance in 5 monthly payments. PROMPT DELIVERY.

Minimum Payments of Ten Dollars

RIFLES & SHOTGUNS

NEW Remington Junior Special Model 521 .22 caliber target rifle with Lyman sights	$ 34.95
Remington Model 513 TR, Target Rifle complete with Redfield Sights and Gov't. Type Sling	53.50
Remington Model 37 Rifle with Redfield sights	113.60
Winchester Model 75 Target Rifle with Lyman receiver sight	53.50
Stevens 416 Target Rifle .22 caliber, factory sights	53.20
Marlin Model 39A .22 caliber, Lever Action Tubular Magazine	50.45

PISTOLS & REVOLVERS

High Standard .22 caliber automatic Model HD-M, 4½ & 6¾-inch barrel	51.17
NEW High Standard Model G .380 caliber Automatic, 5-inch barrel	55.00
Harrington & Richardson Model 999 Double Action .22 caliber 9 shot revolver	44.95
Colt Government Model .45 caliber Automatic Pistol	65.00
Colt Super 38	65.00
Smith & Wesson Military & Police Revolver, square butt, .38 caliber, 4, 5 & 6 inch barrel	56.50
Now accepting orders on the following for Future Delivery:	
Colt Match Target Woodsman	85.00
Colt Target Woodsman	70.00
Colt Sport Woodsman	60.00
Smith & Wesson K-22 & K-38	65.00

AIR RIFLES

Apache Air Rifle	24.95
.250 caliber Shot, Pack 100	.50
Crossman Air Rifle, .177 and .22 caliber	19.95
New Crossman Bullseye Air Pistol .177 caliber. Single Shot	19.80
Hy-Score Air Pistol, .177 and .22 caliber	19.85
Johnson Indoor Target Gun	15.00

TARGET SCOPES

Unertl Small Game Scope, 4 & 6 power	$ 40.00
Unertl Varmit Scope, 6 & 8 power	75.00
Unertl Target Scope, 1 inch objective, 8 & 10 power	58.00
Unertl Target Scope, 1¼ inch objective, 10 & 12 power	78.00
Unertl Target Scope, 1½ inch objective, 10, 14 and 20 power	90.00
Unertl Target Scope, 2 inch objective, 10, 15 and 20 power	125.00
Litschert "Targeteer" Junior Scope, ⅞ inch objective	54.50
Litschert "Targeteer" Senior Scope, 1½ inch objective	89.50
Fecker, Target Scope, ¾ inch objective, 4.5 and 6 power	52.50
Fecker Target Scope, 1¼ inch objective, 8, 10 & 12 power	70.00
Fecker Target Scope, 1½ inch objective, 10 and 12.5 power	93.50
Fecker Target Scope, 1⅝ inch objective, 10, 12.5, 16 & 20 power	98.50
Fecker "Woodchucker" Scope, 1.2 inch objective 4.5, 5.5 & 7 power	62.50

HUNTING SCOPES

Weaver K2.5, 2½ power	37.50
Weaver K4, 4 power	45.00
Weaver K6, 6 power	48.50
Weaver J2.5, 2½ power	22.50
Weaver J4, 4 power	27.50
Weaver G4, 4 power	9.75
Weaver G6, 6 power	12.50
Lyman Alaskan	60.00
Bear Cub, 2½ power	50.00
Mossberg 4-power, low mounting 5M4	9.95
Mossberg 4-power, high mounting Stith, King-Pike and Redfield Mounts available	9.95

SPOTTING SCOPES

Argus Super Spotting Scope	74.50
Argus Stand	8.50
Mossberg Spotshot	22.30
Mossberg Stand	9.95
Mark 218 Spotting Scope	22.50

MISCELLANEOUS ITEMS

10 X Imperial Shooting Coat	13.00
Drybak Target Shooters Coat	10.00
Rifle Cleaning Kits—all calibers—complete with Cleaning Rod, Oil, Solvent, etc.	2.50
Brauer Bros. Sheepskin Rifle Cases	8.50
Same for Rifle with Telescope	10.50
Bausch & Lomb 7x35 Binocular	168.00
Wollensak 6x30 Binocular	90.00
Universal 6x30 Binocular	102.00
Sard 6x20 Sportsman Binocular	198.00
Kollmorgan "De Luxe" Monette Monocular	49.50
Ray Ban Shooting Glasses	17.50

CAMERAS

Kodascope 90 8mm Movie Projector	175.00
Revere M/70 Magazine 8mm Movie	127.50
Revere M/88 8mm Movie	77.50
Revere M/85 8mm Movie Projector	120.00
Eastman Kodak "35" with Rangefinder	86.58
2¼x3¼ Speed Graphic "23"—Optar f:4.5 lens	221.86
2¼x3¼ Crown Graphic Ektar f:4.5 lens	185.15
Argus Model C3 Camera complete with flash gun & carrying case	74.71
Argus Model 21 complete	66.83

Also supplies and accessories for the above

Write for mimeographed list of items we are now offering.

PARKER-WHELEN CO., INC.

Dept. R-2 • 827 14th St., N.W., Washington 5, D. C.

RIFLEMAN WORDS . . . .

Each month this "lexicon for shooters" is devoted to a few words peculiar to the shooting game which may be puzzling to the newcomer. All words defined are used in a current article.

DOVETAIL—Any material shaped like a dove's tail. Dovetail slots are commonly cut in rifle barrels for mounting sights having a dovetail projection which fits snugly into the slot. The standard dovetail slot used by most arms manufacturers is ⅜ inch at the widest point.

EMULSIFIED—Made or converted into an emulsion. This is a mixture (rather than a solution) of a substance suspended as minute globules in a liquid, such as oil in water or butter in milk.

EXTENSION RIB—A small rearward extension of the rib on top of a double shotgun, rifle, or combination gun. This extension aids in locking the barrels to the standing breech. Some guns have a crosspin which extends through the extension rib to further lock it to the standing breech.

FERRULE—As applied to tools it is a ring or cap, usually of metal, which is put around the tool handle to prevent splitting.

FRONT SIGHT RAMP—A piece of metal on top of the barrel near the muzzle on which the front sight is mounted. The top of the ramp behind the sight slopes down to join the barrel.

FUSE—A device for communicating fire to an explosive charge. Most authorities distinguish between a fuse and a fuze, the latter spelling being used in connection with a device for initialing the explosion of a high-explosive shell, bomb, shrapnel, grenades, or mines.

GAS CHECK—A small metal cup (usually copper or copper alloy) which is pressed on the base of a lead bullet to prevent melting of the lead heel from hot powder gasses.

HAMMER SPUR—The exposed projection on the hammer of a firearm which provides a purchase for the thumb when cocking the firearm.

HERMETICALLY SEALED—Closed perfectly airtight so that no gas or air may enter or escape.

RAKING SHOT—As used by the sportsman, it means that the angle between the line through the longitudinal axis of the game and the line of fire is very small. Such a shot would be presented by game approaching or running away at a sharp angle to the line of fire.

SPITZER BULLET—A sharp-pointed bullet which as a rule has an ogive radius of seven calibers or more.

TAILSTOCK—The adjustable sliding member on the head of a lathe which contains the dead center. In some lathes the tailstock has several spindles for turret work or may have a revolving mandrel as in the headstock.

WHITWORTH THREAD—Named after Sir Joseph Whitworth, an English engineer. It is the standard form of screw thread used in Great Britain. The angle between the sides of the thread measured in an axial plane is 55 degrees instead of 60 degrees in the American threads. These threads have a radius at the crest and root of the teeth.

"Winter Guests"—*Hans Kleiber*

Horse Sense about Game Birds

More and more hunters, less and less game. That's the situation in many of our fields and streams today. And that's why true sportsmen are thinking to the future, helping *now* to preserve our wildlife. It makes good common sense: limit your bag, and join and support local and national organizations for game restoration and conservation.

Free booklet about target shooting

Write today for information on how to start a rifle club in your own community ... how to teach your group to have more fun shooting a rifle ... how they can win Ranger Shooting Emblems. No obligation. Address — Sportsmen's Service Bureau — Dept. A-1, Sporting Arms & Ammunition Manufacturers Institute, 343 Lexington Ave., New York 16, N.Y.

BETTER THINGS FOR BETTER LIVING
...THROUGH CHEMISTRY

DU PONT

REG. U. S. PAT. OFF.

DU PONT SPORTING POWDERS

World-famous since 1802

E. I. du Pont de Nemours & Co. (Inc.), *Explosives Department, Wilmington 98, Delaware*

Samworth Riflemen in Combat Series

ORDNANCE WENT UP FRONT

by Roy F. Dunlap

In reality, this book is the elaborated technical diary of an American gun nut who served as an enlisted man in the 27th Ordnance Company of the United States Army and whose duties consisted mainly of going over practically all types of rifles, pistols and machine guns of World War II, both enemy and allied.

The author's services in both Eastern and Western theatres of war puts him right up into the "been everywhere and seen everything" classification. He really did get around a bit; Aberdeen Proving Ground; Egypt; Mississippi; New Guinea; Leyte; Luzon and Tokyo.

***Ordnance Went Up Front* will, indeed, prove intensely interesting to all gun users and marksmen. Dunlap's vocabulary and terminology will be entirely familiar to such; he calls a spade by the proper nomenclature. His work is not a rehash of technical matter taken from official manuals and offered as something new and startling in the firearm-data line; *it is original material*, derived chiefly from his own voluminous notes and experiences.**

The author's job was working on all types of small arms right in the combat area, and he consequently describes and treats various arms within the light and knowledge of his own first-hand experience. When a particular weapon is described, you are reading about its actual performance—details of suitability, report, recoil, field and actual results, this type of knowledge is desired by all shooting men.

Herein are the most detailed and informative descriptions of German, Italian, British, American and Japanese small arms that have so far been published, with much additional data given on the ordnance of many of the smaller nations. Weapons and cartridges are treated extensively, and in their proper relation to each other. This is the book many shooters thought they were getting when they purchased earlier works on these subjects. It is the first such work really written from the practical-user and not the catalog-reader standpoint, with Dunlap's previous training as an experienced gunsmith and Camp Perry marksman standing him in good stead. He *knows* what *you* want to know—and *writes* it. Here is a trained rifleman's qualified opinions, formed after having examined, dissected, repaired and fired all types of modern military weapons used in the past war.

To the owners of these foreign military weapons —the veterans who brought them back as trophies or the individuals who have since purchased them—*Ordnance Went Up Front* is the book to tell you *everything* about that weapon; its specifications; the cartridge it shoots; its limitations; and in particular, what can be done with it to make it up into a top-grade sporting rifle or target arm. Here Dunlap's training and experience as a gunsmith comes into play, and he really goes to town in telling the what and how of the remodeling necessary to assure a dependable and safe sporter.

Backing up this extremely practical information is the first detailed report of the famous Parker Ackley tests on various military rifle actions, both foreign and domestic. Here, for the first time, are accurate and comparative facts about the strength and suitability of these weapons. This series of tests is one of the most important ever carried out and every shooter or gunsmith who plans to alter or rebarrel a rifle action should read and thoroughly digest Ackley's findings as given in full detail in this book.

This second title in the *Samworth Riflemen in Combat* series contains 414 pages, illustrated with 44 plates. Price $4.00 delivered.

Published By

THOMAS G. SAMWORTH

Plantersville 7, South Carolina

NEW 20-PAGE CATALOG FOR 3¢ STAMP

Ricochets . . .

ONE-ACT PLAY

Miami, Florida

Editor:

You've probably heard a great many variations of this, but since this was my first experience with it perhaps you would be interested in a virtually word-for-word account of a recent phone call I made to the county sheriff's office:

LAW: "County Sheriff's Office."

ME: "Hello, can you tell me where I can go to sight in a rifle. I've asked several police officers and they don't seem to be sure of a place that I can shoot at a designated target and be within the law."

LAW: "You have to be over one mile from any road, or residence, and not on private property."

ME: "Where is such a place?"

LAW: "We have no public rifle ranges around here and if you got off the highway a mile you'd probably be in a game reserve. We'd get you for that, too. Your best bet is to hang the thing up on the wall and look at it."

ME: "I hardly bought it for that purpose."

LAW: "You threw your money away then."

ME: "How about going out in the Everglades, a mile from any road, and . . ."

LAW: "Look, I don't know of any place to shoot a rifle and be within the law If you go in the 'glades out of season, we'll pick you up, confiscate your rifle, and fine you plenty. If you're not in the 'glades, you'll be too close to a road and that's against the law, too. Anything else?"

ME: "No, and thanks."

The "thing" he told me to hang on the wall was my new Mauser-actioned, Improved .257. Although I have no desire to break into jail, I'm going to keep right on reloading and shooting, law on my side or not.

Situation kinda stinks, doesn't it?

BOB FREEMAN

"CHASING RAINBOWS"

Longmeadow, Mass.

Editor:

I want you to know how much I enjoyed reading Al Barr's article ("Chasing Rainbows") in the December RIFLEMAN. I think his article is the most interesting I have seen in any magazine for a long time.

WALTER ROPER

South Gate, Calif.

Editor:

Your article, "Chasing Rainbows," was a honey. Keep the good work going.

ROY E. WEATHERBY

DUPLEX LOADS

Copenhagen, Denmark

Editor:

With keen interest I have followed your information as to duplex loading as brought out by Messrs. O'Neill, Hopkins and Keith. Without any attempt to decline the merits of the American inventors, I beg to point out the fact that exactly the same construction of cartridge case was brought out about 50 years ago by the Belgian Capitain Marga. In the German dictionary "Militär Leksikon" by General H. Frobenius (Berlin 1902), the Marga cartridge is illustrated. The cartridge is constructed precisely like the American version with a flash tube to lead the flame of the primer to the forward end of the case. Obviously the Belgians and Germans had no idea of the principles of duplex loading but only tried to utilize this construction of case in igniting the powder charge from the fore end of catridge case.

Funny to see how some inventions can pop out at different times and places, isn't it?

HOLGER RASMUSSEN

FEEL LIKE WRITING?

Lancashire, England

Editor:

I wonder if you could put me in touch with a farmer in the States with like interest to mine, namely .22 and full-bore shooting, gun collecting, muzzle-loading rifles, etc. Possibly you may know of such a person who would be willing to write to me and exchange views on topics from farming to guns.

HERBERT SUTCLIFFE

● *British reader Sutcliffe's address is Ivy Hey Farm, Briercliffe, near Burnley, Lancs., England.—Ed.*

PLEA FOR SPORTSMANSHIP

Jackson Heights, L. I., N. Y.

Editor:

I hope that the year 1948 will show us cleaner hunters in the field. Speaking as an NRA member, the past year has been disgusting for me, by listening to the so-called hunters, how they shoot all kinds of birds and animals, in or out of season, and I being shot at while standing behind a house by a bunch of maniacs taking the house for a target. . . . Above all, it doesn't seem to do any good by telling them right from wrong.

I am asking the 275,000 NRA members: *Can we do something about it?*

GEORGE MITSCH

BB-GUN VELOCITIES

Washington, D. C.

Editor:

I was completely surprised at the paragraph (Spotting Scope, December) which credited me with the opinion in court that BB-gun pellets gathered velocity after they had left the muzzle. I made no such statement, as you may determine if you will refer to the transcript of my testimony.

JOHN H. FOWLER, Inspector
Metropolitan Police Dept.

Springfield, Mass.

Editor:

The famous Professor Bashforth of England proved to the Crown that a missile increased its velocity for 25 caliber lengths after leaving the muzzle. This was proved to be caused by the force of the muzzle blast on the base. Also, Dr. F. W. Mann, in his experiment number 177, gives us the choice of accepting either that the Krag was rifled one turn to 10.034 inches (which isn't a fact; it

(Continued on page 6)

there's more to us than meets the eye!

Your NRA, like old Mother Hen, also has a few things hatching which aren't always visible on the surface . . . things we are pretty proud of and want you to know about.

Take NRA's Legislative Service, for instance . . . one of the prize eggs in our nest because it safeguards our right as American citizens to keep and bear arms. The staff of the NRA, at its Washington headquarters and in its Field Offices throughout the nation, keeps a careful eye peeled for crackpot legislation — local, state, or federal — aimed at taking away that heritage. And then sends out the clarion call to NRA members in the affected area.

United States citizens must never be disarmed. A strong NRA program guarantees that. Another reason why you should renew your NRA membership and sign up a new member!

Please enroll me as an active member in the National Rifle Association, including a subscription to THE RIFLEMAN.

I certify that I am a citizen of the United States; that I am not a member of any organization which has as any part of its program the attempt to overthrow the government of the United States by force or violence; that I have never been convicted of a crime of violence, and that if admitted to membership I will fulfill the obligations of good sportsmanship and good citizenship.

SIGNATURE

I enclose remittance of ☐ $5.00 for 2 years ☐ $3.00 for 1 year ☐ New ☐ Renewal

(PLEASE PRINT)

Name ..... *Age* .....

Address .....

City ..... *Zone* ..... *State* .....

ENDORSEMENT FOR NEW MEMBERS

I endorse the applicant as a good U. S. citizen and sportsman.

Endorser .....

Address .....

☐ NRA Member ☐ Public official, including U. S. Armed Forces Officers.

NATIONAL RIFLE ASSOCIATION

1600 RHODE ISLAND AVENUE, N. W., WASHINGTON 6, D. C.

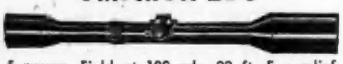
OMICRON Z-2 and Z-4

125% more field area! Central focusing, positive lock. Independent windage and elevation adjustments. Hard coated lenses.

Z-2: Magnification, 2½x. Field at 100 yds. 60 ft.l Eye relief 2¼" to 4". 1" tube dia. Wt. 10 oz. Length 9½". Objective dia. 24 mm. Eye lens dia. 36 mm. . . **$75.00**

Z-4: Magnification, 4x. Field at 100 yds. 42 ft.l Eye relief 2¼" to 4". 1" tube dia. Wt. 10½ oz. Length 10½". Objective dia. 24 mm. Eye lens dia. 36 mm. . . **$75.00**

OMICRON ZL-5



5 power. Field at 100 yds. 22 ft. Eye relief 3¾" to 6". 1" tube dia. Wt. 12½ oz. Length 15½". Objective dia. 45 mm. Eye lens dia. 36 mm. Luminosity 81. Hard coated lenses, independent elevation and windage adjustments . . . **$110.00**

VECTRA RIFLESCOPE, 2½ power.. $29.95
LEUPOLD RIFLESCOPE $57.50
WEAVER K-6 SCOPES $48.50
WEAVER K-4 SCOPES $45.00
WEAVER K-2.5 SCOPES $37.50
WEAVER J-4 SCOPES $27.50
WEAVER J-2.5 SCOPES $22.50
WEAVER G-6 SCOPES $12.50
WEAVER G-4 SCOPES ..... $ 9.75
G88 SCOPES, 2½ and 4½ power. $50.00
LYMAN ALASKAN SCOPES $60.00
TEXAN SCOPES $50.00

OBSERVATION SCOPES
Argus 20-power $74.50
Saturn 20-power $25.00

SCOPE MOUNTS
Echo $17.50
Griffin & Howe $25.00
Redfield Jr. . from $10.75 to $14.75
Stith Q.E.D. . from $12.00 to $17.50
Type U Weaver . . . . . $ 6.25
Tilden $16.50
King-Pike $17.50
Installation charge quoted on request

CUTTS COMPENSATORS . . . $18.50
(with choice of any two tubes)
Additional tubes, each . . . $ 3.00
Installation on plain barrels . $ 5.00
Installation on ventilated barrels $ 7.50

POLY CHOKES
(installed) . . **$14.75**
Note: send barrel only

PFEIFER-MADE

RIFLE BARREL BLANKS

Pfeifer barrel blanks are made from a special analysis, electro furnace high flash, high abrasion resistant tool steel, heat treated to a tensile strength of 130,000 PSI. Stress relieved before drilling, Rockwell C hardness 25-29, machinability rating 70. Should give little or no trouble with warpage or distortion under normal machining procedure and will in no way harm or wear chambering equipment to any greater degree than previously used barrel steels. Conclusive tests have shown you can expect 50 to 80% longer barrel life than that delivered by ordnance steels. Blank dimensions 28" long, 1¼" diameter.

Calibers 300 and smaller are 6 groove, right hand twist of narrow land and wide groove designed to cause as little finning and deformation of the bullet as possible and still impart perfect accuracy. Calibers above 300 are optional 6 or 8 groove. These barrels are very smoothly cut and require no lapping. For those who must have it blanks will be furnished lapped at an additional charge of $1 each. Approximate 10 day delivery on calibers 22, 25, 270, 7 m/m, 30, 375, and 38-55. Calibers 256, 32, 35, 40 and 45 special order subject to some delay. Special twist subject to some delay.

Price $21.50, F.O.B. Beverly Hills

Discount to dealers and gunsmiths

CUSTOM BARREL SERVICE

featuring Pfeifer barrels

Springfield, Enfield, Mauser, etc. Rebarreling in following calibers: 30-06, .270 Win., .22/250, .257 Roberts, .300 H&H mag., .35 Whealan, 30/40 Krag, .220 Swift, etc. Installed, blued and turned to customer specification **$55.00**

CRAMER LUBRICATOR AND SIZER

Cast of Meehanite. Ideal for hard bullet metals such as Type metal or Kirksite A. Grease reservoir operates under 300 lbs. pressure, enabling user to size many bullets with one pressure setting (approx. 35 bullets of .38 cal.). All dies are hardened, inside surfaces micro-finished **$17.50**

CRAMER BULLET MOULDS

Available in following calibers: 22, 25, 270, 7 m/m, 30, 8 m/m, 35, 38 Spl., 45 ACP, in two cavity moulds. 3, 5, or 10 cavity moulds on special order subject to short delay.

2 cavity . . **$ 8.50** 5 cavity . . **$18.50**
3 cavity . . **$10.00** 10 cavity . . **$40.00**

CRAMER PRESSURE LEAD DIPPER, $ 2.50
CRAMER BIG DIPPER . . . . $ 1.25
CRAMER 3-pc. MELTING POT . . . $ 7.50

SAECO TRU-SPEED PRECISION POWDER MEASURE

Adjustable Rifle Model **$12.50**
Adjustable Pistol Model **$12.50**
Extra Drum to combine above . . **$ 4.00**
Bench Stand . . . . **$ 3.25**

POTTER ELECTRIC FURNACES
Model C single element, 450 unit . **$15.00**
Model D double unit, 750 watt, for use with 3-cavity and larger moulds . . . **$19.50**

PRIMERS (Winchester)
Available in following sizes: 108, 111, 115, 116 and 120 . . . per thousand **$ 6.30**

4-GUN PISTOL CASE
Sturdy leatherette covered plywood. Lock and full-length piano hinge. Velvet-lined tray and barrel rest. 2 colors: medium or dark brown. Space for ammunition and 13½" spotting scope **$24.50**

O'Dell's Scope Mount for pistol cases, $4.50

KERR'S
The BEST of Everything for the Sportsman

9582 Wilshire Blvd., Beverly Hills, California

(Continued from page 4)

was 10.00 inches) or that the missile w traveling faster at six feet than it was the muzzle.

If these proved facts are applicable to th charged round, then they can also be appli to the projectile actuated by air pressure.

There are four factors retarding the mi sile while it is yet in the bore; only one aft it has left the bore, hence lending credenc to a slight increase in velocity for a sho space of time and distance, therefore givin increased penetration.

PAUL E. THORNTON

● *Whatever the facts,* THE RIFLEMAN *erre in quoting from a garbled newspaper accou of Inspector Fowler's testimony. Herewit our apology for blaming on him a statemen he did not make.—Ed.*

SERIES OR PARALLEL?

Sacramento, Calif.

Editor:

On page 40, December issue, you describ "Indoor Snapshooting." There is certainl something wrong with your wiring hook-up Six 6-volt lamps *in series* would require a 3 volt battery to light. On a 6-volt battery th lamps would not even glow. Maybe yo meant to say "in parallel" but the wirin sketch shows a series connection.

C. L. PETERS

● *Reader Peters is right. Both text an diagram should have shown those 6-vo lamps wired in parallel.*

VOTES FOR RODGERS

Lawrence, Kans.

Editor:

My answer is yes. The Rodgers' artic ("Gun Feel, January, 1948") has practica information—information of value to ever shooter. The whole gist of it is in th sentence of his letter telling of himself an his story, "I am convinced that gun feel i something to be acquired only through lon association with one certain gun." It seem to be the old saying rephrased, "Beware th man with one gun."

Mr. Rodgers need not apologize for hi typing or his style. He has the writer's fe

ARCHIBALD B. OLIVER

Greenville, Texas

Editor:

Have just finished reading "Gun Feel" b Walter Rodgers. You ask, "Do you like it? I personally think that it is exactly the typ of story that we need!! Not too much tech nical data but down-to-earth facts that ever I can understand. Please, please lets hav more of the same! And, congratulations t Mr. Rodgers for not taking a hopeless sho but letting the deer get away without bein possibly wounded.

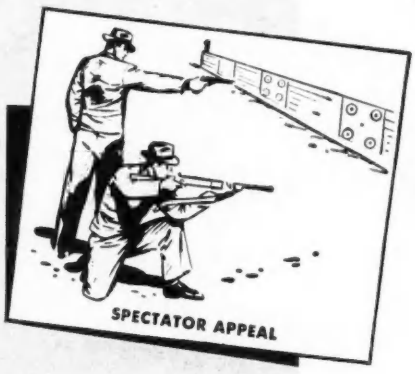
FRANK J. WRIGHT

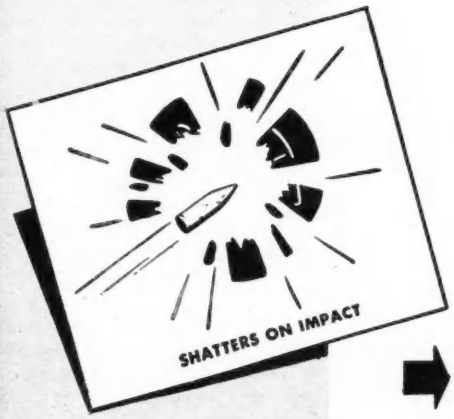
MADISONVILLE, KY.

WALTER RODGERS STORY EXCELLENT, A CLEA WHOLESOME BREATH FROM THE HILLS. THE MA HAS THE TOUCH OUR MAGAZINE NEEDS.

EDGAR ARNOLD

● RIFLEMAN *readers, who reacted enthusia tically to Walter Rodgers' first publish story, will see more of his work in futur issues, including one on Western quick-dra shooting, scheduled for mid-1948 publica tion.*—ED.





NATL RIFLE ASSN
NRA
BUSTIBLE BULLSEYE

New!

A REAL BUSTIBLE BULLSEYE

These new and novel plastic "bustible" targets are just what rifle and pistol shooters have been wanting. They are black moulded plastic 1½ inches in diameter and shatter on impact of air rifle shot or .22 caliber bullet. They provide that breakable feature and spectator appeal so long desired in shooting but not provided by paper targets. When hit, the "BUSTIBLE BULLEYES" immediately and completely disappear. A new patented feature makes it easy and quick to hang "BUSTIBLE BULLSEYES" on paper, wood or from a string — any safe backstop becomes a complete range.

Available in boxes of 100 or cartons of 1000, each box has a folder of suggested games to be shot.

Prices

Retail price 75¢ per box of 100. The price to clubs in lots of 10 boxes, or more is 60¢ per box f. o. b. Washington, D. C.

Orders for a minimum of 10,000 from jobbers and dealers will carry attractive discounts based on quantity purchased. Write for complete details on handling these new targets in your community.

NATIONAL TARGET COMPANY

1255 TWENTY-FIFTH STREET, N. W. • WASHINGTON 7, D. C.

NEW refinement on Mossberg 20-power "SPOTSHOT"

Now with coated lenses. Light transmission increased 34%

"SPOTSHOT" $22.30

Folding STAND $9.95

A new refinement on a great piece of target shooter's equipment! Now, at no increase in cost, the Mossberg "Spotshot" Spotting Scope is an even greater bargain. All ten lens surfaces are coated with "SOMCOTE" high transmission coating — which meets Army-Navy specifications.

38mm achromatic objective lens with micrometer adjustment for focus. Length extended 17", closed 12½". Weight 1¼ lbs. Field approximately 7½ feet at 100 yards.

"SPOTSHOT" Folding STAND

Note that design permits shooter to take prone position close up to scope without disturbing adjustment. Tube can be swung horizontally without losing vertical adjustment. Folds compactly to 10" x 3¼" x 3". *Can be used with any make of spotting scope.*

● SEE THE "SPOTSHOT" at your DEALER'S

Descriptive folder on request.
No sales at factory.

O. F. Mossberg & SONS, INC.

82502 ST. JOHN ST., NEW HAVEN 5, CONN.

Incidentally . . .

Perhaps no one this side of an "Advice to the Lovelorn" columnist receives as oddly assorted a day's mail as a magazine editor. On an average morning, letters will run the gamut from carefully thought out, constructive critiques of the job we're doing to obviously misdirected queries on subjects we know as little about as the writer. F'rinstance, there was the one a while back asking for information on the care and feeding of penguins. Not having an Antarctic man on the staff, we referred that one to the fellow out at Washington's zoo who cares for the penguins Admiral Byrd brought back from Little America. Most of them, though, can be answered promptly enough . . . from the mass of assorted information we've built up right here at headquarters. The important thing to us, at least, in answering those daily batches of letters is the amount of information we get from them on RIFLEMAN reader preferences . . . again, that continuing problem of knowing what to print if we want to please the majority of readers. Certainly no more sensitive barometer exists for an editor than the letters of praise and condemnation, suggestion and criticism, query and advice, that pile up on his desk every morning. And, incidentally, . . . that's one perfectly good reason for the traditionally messy appearance of every editor's desk we've ever seen.

☆ ☆ ☆

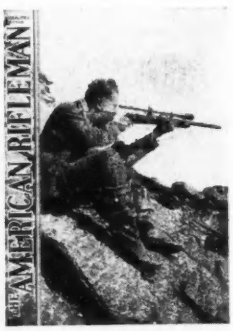
Speaking of letters . . . it's been gratifying lately to see the number which request reprint privileges for other magazines . . . permission to use RIFLEMAN material . . . and the constantly increasing use of RIFLEMAN features and surveys by outdoor writers in the daily press. John Rose's survey of deer hunters was an outstanding example of that trend. Hundreds of clippings have come in from all over the country. In the outdoor magazine field, too, there has been a constant re-use of RIFLEMAN articles. Britain's *NRA Journal*, for instance, reprinted Walter Roper's piece on the Tompkins pistol, and our last summer's picture story on the Shartlesville muzzle-loader matches. That's one way of keeping our overseas cousins posted on what's happening in American shooting circles. A dozen or so other magazines . . . trade publications, state conservation monthlies, and the service journals, among others . . . are regular "customers" for stories and features which appear originally in the RIFLEMAN. One more evidence that the RIFLEMAN is looked to as *the* authoritative source for news of the shooting world and all that goes on among its devotees.

Our editorials, too, come in for an astonishing circulation outside of the regular subscription list. Few months pass that the current editorial is not reprinted in newspapers and magazines, and always we send out hundreds of reprint sheets requested by members for distribution among their friends.

☆ ☆ ☆

All-in-all, the letters which readers send in to the RIFLEMAN headquarters offices are an invaluable means of keeping an editorial finger on the shooter's pulse. It isn't possible for us to get very far from base without a red light of warning showing up in the morning's mail. And incidentally, we keep tab on all of the criticisms and suggestions received. Every so often, for instance, the NRA's Technical Service staff send us a list of letters they've received . . . by subject, so that we have an up-to-date idea of the relative popularity of various phases of shooting and its kindred hobby interests in *their* morning mail as well as our own. So, next time you note that there has been a sudden drop in coverage of some particular subject, or an increase, don't think that we're being arbitrary in decisions of what to publish. As always, we're listening to the shooter's own voice and trying to give him what he wants.

You'll notice that, with this issue, we are printing more letters from readers . . . and giving them a prominent spot in the front of the magazine. Doing that, we think, will give readers a little more of an "inside seat" . . . by letting them in on the varied reactions—the praise and blame, the criticism and comment—which have so much to do with the making of a magazine.—J. S.



COVER

Hosea Sarber, fabulous Alaska sportsman, gunning for seals on the coast of Mitkof Island, in the Territory's rain-drenched southeast. His rifle is a self-stocked .220 Arrow ornamented with walrus ivory and sporting a Winchester Model 70 action and a 10-power Lyman scope. Sarber's seal hunting, like his exploits with the big bears, is a part of his work with the Alaska Game Commission, through which he has gained the well-earned reputation of being Alaska's number-one expert on Territory game. Photograph by E. P. Haddon.

PUBLISHED MONTHLY BY THE NATIONAL RIFLE ASSOCIATION OF AMERICA, 1600 RHODE ISLAND AVENUE, WASHINGTON 6, D. C. DOMESTIC RATES (NORTH, SOUTH, AND CENTRAL AMERICA) $3.00 A YEAR, $5.00 FOR TWO YEARS; ELSEWHERE, $3.60 A YEAR, $6.50 FOR TWO YEARS. ENTERED AS SECOND-CLASS MATTER, APRIL 1, 1908, AT THE POST OFFICE AT WASHINGTON, D. C., UNDER ACT OF MARCH 3, 1879.

COPYRIGHT, 1948, NATIONAL RIFLE ASSOCIATION OF AMERICA. ALL RIGHTS RESERVED.

FOR CHANGE OF ADDRESS, GIVE BOTH NEW AND OLD ADDRESS AS THE LATTER APPEARS ON ADDRESS LABEL.

The AMERICAN RIFLEMAN

Official Journal of the National Rifle Association of America

1600 RHODE ISLAND AVENUE, N.W., WASHINGTON 6, D. C.

VOLUME 96 NUMBER 2

FEBRUARY 1948

Self-Loaded Gunnerman 11
By F. WALLACE TABER

New .45 Safety 14

Modern Combination Guns 15
By FRANZ ROSENBERG

It's Yours for the Asking 18
By LYMAN L. WOODMAN

Coaching the Dryden 19
By COLONEL W. A. TEWES

Colt Commando Conversion 21
By BILL KIRSH

Little Eva 23
By H. V. ALLEN

Backwoods Gunsmithing 27
By H. E. MACFARLAND

Explosive Bullets 30
By HAROLD L. PETERSON

Shotguns Are Different 31
By RUDY ETCHEN

Tough Loads 34
By FRED SEGUIN

Suicide Specials 36
By DUNCAN MCCONNELL

Great Mistakes 37
By ARCHIBALD RUTLEDGE

.333 O.K.H. as a Hunting Load 41
By BOB HAGEL

Enfield Speed Lock 45
By RAY HEIDRICH

Old Coach 46

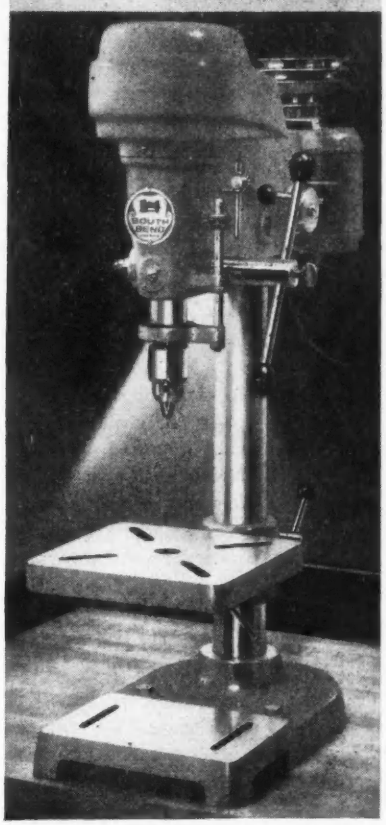
☆ ☆ ☆

C. B. LISTER, *Editor*
JOHN SCOFIELD, *Managing Editor*
J. S. HATCHER, *Technical Editor*

Associate Editors
J. A. HARPER R. J. STANN

L. Q. BRADLEY, *Circulation* F. A. MOULTON, *Advertising*
J. T. BERRYMAN, *Art* P. B. CARDINAL, *News* R. L. REISH, *Photography*

NEW SOUTH BEND 14" Drill Press



$98.00 f. o. b. factory, bench model with chuck, extension cord and switch; less motor.
Time Payment Terms

South Bend presents this new 14" Drill Press as a companion to the South Bend Precision Lathe. It is built with the same high standards of accuracy and skilled workmanship. It is a superior tool that is unsurpassed for accuracy, easy operation, versatility and dependable performance.

FEATURES and SPECIFICATIONS

BELT TENSION RELEASE
Quick-acting belt tension release lever simplifies speed changes. Keeps tension correct.

BUILT-IN LIGHT
Provides shielded illumination for work area. Separate on-off switch.

SPINDLE
Free-floating design prevents misalignment, side thrust, and whip. Travel . . . . . 4"

BALL BEARINGS
Sealed, precision type. No oiling. 2 on spindle drive unit, 2 on spindle.

QUILL BEARING ADJUSTMENT
Compensates for wear.

DEPTH GAUGE
Graduated in inches. Adjustable collars control feed and return.

RUGGEDLY CONSTRUCTED
Precison-built for industrial and all other types of shops.

TWO MODELS
Bench or floor type.

CAPACITY
Maximum drill size in iron or steel . . . . ½"
Drills to center of 14" circle.

CHUCK
Capacity . . . . 0 to ½"

SPEEDS
Four—707 to 4322 r.p.m.

CHUCK TO BASE DISTANCE
Bench Model . . 17"
Floor Model . . . 46½"

TABLE SIZE
10" x 10" . . Tilt Type

COLUMN
2¾" diameter. Accurately ground.

HEIGHT
Bench Model . . . 35½"
Floor Model . . . 65½"

SHIPPING WEIGHT
Bench Model . 195 lbs.
Floor Model . 235 lbs.

MOTOR REQUIRED
⅓ h. p., 1725 r.p.m. Vertical mounting. On-off switch provided.

SOUTH BEND LATHE WORKS
Building Better Lathes Since 1906
452 E. Madison St., South Bend 22, Ind., U.S.A.

Year of Decision

LAST YEAR, for better or worse, the American people accepted a staggering responsibility. In different quarters it was called many things: The Marshall plan. The Russian problem. National defense. The atomic bomb. Balance of power. Hemisphere solidarity. And, as always, there was a price to pay. The figures grew ominously. U. S. plans for a better world were going to cost more dollars than any of us thought existed. But behind all of the names, in all of the guises, and back of the price tags, lay one inevitable, inescapable fact. The American people had accepted the responsibility of world leadership.

Perhaps "accepted" is too strong a word. Most Americans, even after an uneasy year of looking squarely at the thing, have not put the jigsaw together. In too many minds America's plans and problems are still just plans and problems, and not separate aspects of a fateful destiny that lies ahead. Those labels, those price tags and headaches, and those responsibilities are part and parcel of our leadership. They are inevitable. America can no more abandon her position, her stature, her responsibilities, or her grasp on the reins of a shaky world than could England have ignored her position after the defeat of the Spanish Armada. We alone among nations have survived two wars to emerge as the one powerful and genuinely peace-loving country in the world. The implication of that fateful evolution among nations puts a Herculean task squarely before the American people. Living up to the greatest challenge ever handed a nation means that we, as individuals, are going to have to learn to think BIG. Big and clearly.

Here is a sample of the kind of big thinking that must come from Americans this year:

Congress, almost certainly, will pass some kind of Marshall plan for the economic relief of Europe. Looking at it coldly, that relief is a selfishly-dictated policy which will strengthen America's position in world affairs. BUT, the astronomical amount which even a modified Marshall plan will entail is only a fraction of the story. President Truman's Air Policy Commission recommends, by 1952, the annual expenditure of nearly twenty billion dollars for armed defense—mainly toward the creation of an adequate air force. And there is universal military training to consider.

This is where the thinking comes in. There is a growing feeling in some quarters that we must have an enormously strengthened defense structure *first*, in order to provide the sense of security in which a Marshall plan can function. Others would have us subordinate the Marshall plan entirely. The defense machine envisioned by the President's advisors, they say, backed by a system of universal military training, plus guarantees to certain key European countries, would be more effective in bringing about economic (and eventually, political) recovery in Europe than a full Marshall plan.

From these alternatives a choice must be made. That choice should be a reflection of the considered opinion of the majority of the American people. When we have that, we will have won the first round in a *personal* realization of our position among nations. Our prime obligation is to assume *real, thinking leadership.* To do so, questions like these must be answered in the mind of every American. We must think big, and clearly, and see the world as it is, and ourselves as a part of it.

This year, perhaps more than any in the history of our country, is the year of decision. If we can think big enough as individuals, 1948 may yet see the creation of tools by which we can forge the structure of a peaceful, balanced world.—J. S.

SELF-LOADED GUNNERMAN

UP AROUND METLAKATLA AND PETERSBURG HOSEA SARBER'S EXPLOITS WITH THE BIG BEARS HAVE ALREADY BECOME A LEGEND

By F. WALLACE TABER

WAVES LICKED MONOTONOUSLY at the barnacle-covered rocks of Mitkof Island. A bald eagle lifted from the carcass of a salmon, floated lazily aloft. Herring gulls' raucous expletives rent the solitude. A sea otter slid from the kelp and submerged. Even the glistening ravens reveled in the warming sun's glow so seldom experienced in drizzly southeast Alaska.

Hosea Sarber took in all of these things with a single glance. All these and more. Stealthily, he edged from rock to rock, sometimes stretching for a reassuring peek, again squirming on his knees through a tide pool. Hosea felt the sun's warmth. So did his quarry, now basking on the crests of the waves 300 yards offshore.

When he reached his neareset vantage point, Hosea eased the barrel over the top of a kelp-festooned boulder. A 10-power scope brought the hair seal closer as the dot wavered, seeking a spot midway of the forehead. Gently, Hosea maneuvered his rifle in cadence with the rise and fall of the ocean where the wary seal rocked.

Years of experience dictated the exact spot where the bullet must enter the skull to bring instant death. A fraction of an inch of error, although it would still kill, would allow the seal to submerge. Hosea had lost many of the oceanic dogs before he mastered the trick. Now, though 250 yards and an undulating sea added hazard to the shot, Hosea squeezed with assurance mustered only of experience.

Croaking, the raven bounded from the rocks at the blast. The eagle flapped furiously to gain altitude. Gulls screamed as the sharp roar swiftly drifted to sea and was lost. Gushing blood turned the surf to crimson. The seal floated, dead—proof sufficient of the accuracy of Hosea's aim.

Ten minutes later, Hosea eased his outboard-driven skiff out of hiding and sped alongside the bobbing seal. Shortly, there were four seals in the bottom of the boat and Hosea's work was accomplished.

Yes, I said work. Collecting seals is as much a part of Hosea Sarber's work as cancelling checks is a banker's. And no more skilled engineer, no finer master of his craft anywhere than he. Shooting and all the preliminary events from handloading to stalking is with Sarber a science bred of constant practice. Even the guns with which he performs his miracle shots are scientifically hand-manufactured by Sarber.

"Store-bought guns and ammo sort of leave me cold," he said, when I put the question. "Besides, fashioning the stock and handloading the ammo is half the fun . . . like the first nine holes of golf." He practices what he preaches, too!

To talk with the man at his desk in Petersburg, Alaska, amid a den full of trophies, including no less than fifty

blanks from which rifle stocks will be fashioned . . . to talk with him is most misleading. From his one good eye a crisp smile originates and spreads down sturdily-chiseled features to satisfyingly lift the corners of his mouth. Nowhere a more contagious greeting. In manner, he is mild. As an authority on Alaskan wildlife as well as all phases of shooting, he would be the last suspected. Yet there is none more experienced.

Although he modestly refrains from comment, any sourdough north of Metlakatla will promptly christen Hosea Sarber the world's greatest bear hunter. In his forty-five years, he has shot more black, brown, grizzly, Kodiak, and polar bears with both camera and rifle than any man alive or dead. So schooled in the ways of the wild is he that stalking a Kodiak to within twenty feet is commonplace. Last summer, he put U. S. Fish and Wildlife Service Cameraman Emmett Haddon within five feet of a giant brown bear. And, heavens to Betsy, Haddon lingered to snap the photo! Hosea had promised Haddon a shot at fifteen feet. As a consequence, Haddon's exposure was out of focus . . . so was the Texan's hair! Not so Hosea's .375 Magnum. All the time, safety off, it was pointing at the base of the grizzly's neck. One false move and the bear would have been a rug.

"Fortunately for all concerned," said Haddon, "especially me, she didn't waver from her course as she passed."

Sarber was born a Hoosier with a genealogy boasting a combination of Scotch, Irish, and German. Born of farming parents, Hosea naturally acquired a love for the out-of-doors. A companion love for guns was a logical aftermath. Addressing a letter "Dear Mr. Sears Roebuck" at the tender age of nine and without his parents' knowledge, Sarber gained his first gun—a .22 Stevens Little Scout single shot.

"I recall," said Hosea, "I got it with cash I made at the rate of fifty cents a month driving cattle. The little gaspipe cost me three dollars and seventy-five cents. I had a hell of a time making out the order. With the help of a sidekick, we wrote the letter telling Mr. Sears Roebuck the number of the catalogue page. We haunted the post office. When it finally arrived, we were so scared we hid the package under the schoolhouse until dark. That wonderful long-range weapon killed many a sparrow and woodchuck, out to an extreme range of fifty yards or more.

"When Dad learned about it, he consented to let me keep the gun, but gave me strictly to understand *no accidents!* He gave me instructions and, Mister, I knew better than to violate those stern words of wisdom. I've never had a gun accident."

Hosea wasn't counting the "gun" accident which cost him the sight of one eye. Barely five years old, he was fashioning a wooden gun on an old band saw when suddenly the machine flew to pieces. Fortunately, his one-eyed vision puts to shame that commanded by the majority of unhandicapped.

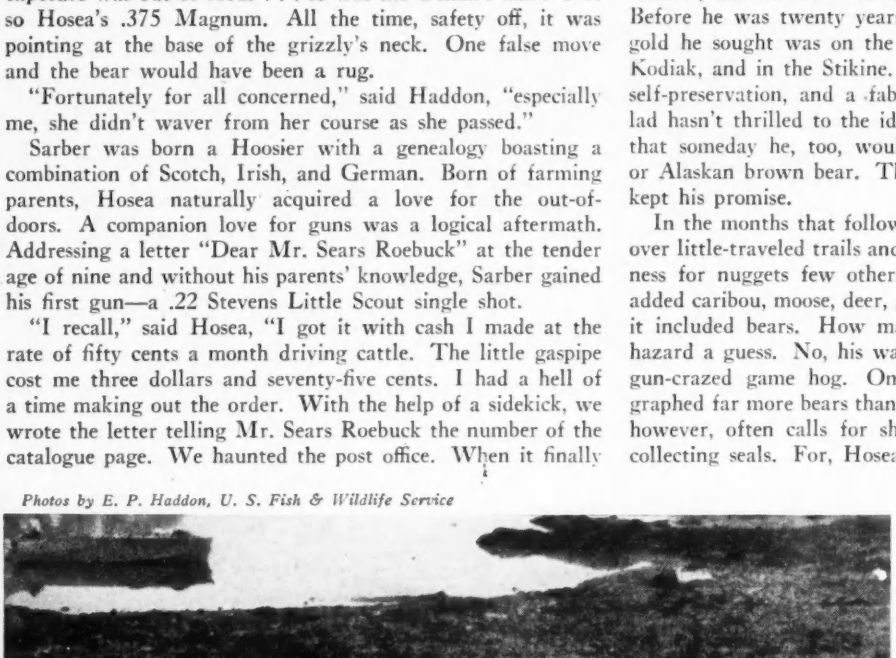
Today, Sarber, almost without regret, advises, "I have always had exceptionally fine eyesight. Seems to have made my right eye much stronger. Being normally right handed, I find that the accident, if anything, made shooting even more of a natural for me—no master eye or any such thing."

Sarber sought bigger game than woodchucks, squirrels, cottontails, and the like which the middle West had to offer. Before he was twenty years old, he was Arctic bound. The gold he sought was on the Kenai, on Admiralty, Chichigof, Kodiak, and in the Stikine. It had four legs, a keen sense of self-preservation, and a fabulous reputation. What teen-age lad hasn't thrilled to the identical urge and promised himself that someday he, too, would kill a giant Kodiak, a grizzly or Alaskan brown bear. The only difference was that Hosea kept his promise.

In the months that followed, he trod the Klondike, mushed over little-traveled trails and sieved the vast expanse of wilderness for nuggets few others sought. To his repertoire were added caribou, moose, deer, goats, and sheep. But, most of all, it included bears. How many bears? Even Hosea will not hazard a guess. No, his war on bears has not been that of a gun-crazed game hog. On the contrary, Hosea has photographed far more bears than he ever hopes to shoot. His work, however, often calls for shooting bears, even as it does for collecting seals. For, Hosea had not been in Alaska long ere he learned that he could both work and play at his favorite pastime . . . just being out of doors. It was fifteen years ago that he joined the Alaska Game Commission for which he still serves, now as Wildlife Agent.

Having had an opportunity offered few men, Sarber grew to know guns and ammunition not by their trade-mark, their publicity, or their factory ballistics. Sarber learned about them in relation to their effect upon big-game targets. He learned and was not satisfied. Even the stocks made by the masters failed to fit him properly. Fifteen years ago Hosea began fashioning his own. Even before that, he was reloading his own ammunition. Today Sarber is famous throughout the Territory not only for his marksmanship but for his meticulously tooled stocks and

Photos by E. P. Haddon, U. S. Fish & Wildlife Service



Elbow patches and a glove protect Sarber's vulnerables from razor-sharp barnacles which cover the tidal rocks frequented by hair seals. Shots are sometimes taken at 400 yards. Note boat for travel in inland waters

fastidiously tried and proved handloads.

"I started with the old Krag .30-40," he reminisced. "Also load for the '06, .270, .257, .220 Swift, .220 Arrow, .22 Varminter, and am tooling up for others, mostly wildcats. I reload because of the finer ammunition resulting—better accuracy and more killing power—as well as for the economy where thousands of shots are fired. Too, it's half the fun of shooting."

When I visited him at the Petersburgh office of the Alaska Game Commission, Sarber showed me his gun collection, which includes nine Model 70 rifles in .375 Magnum, .30-'06, .270, and .220 Swift calibers. Also, it includes four .220 Arrows and a .22 Varminter. All the varmint rifles have heavy or bull barrels. Finally, there is a fine little Mauser in .257 caliber and several Mauser actions recently acquired and destined to assume a place in the gallery after painstaking revamping.

Three Kodiak bear skulls glower down on Sarber as he shows Alaska Game Commissioner Earl Ohmer his recently finished .375 Magnum and pet .220 Arrow rifles. Stocks of both are inlaid with walrus ivory

Sarber's preference in scopes on the varmint-type rifles with which he lambasts seals and such are the Lyman Targetspot in the Jr. and the Super-Targetspot in 10 power. For light hunting-type rifles, Hosea prefers the Lyman Alaskan. In all, he uses Lee Dots. For mounts he prefers the Tilden and Redfield Jr.

"Such guns as the '06 and the .270 *with proper loads*" (the italics are Sarber's!) "I use for everything in this north country and have no complaints insofar as killing power with my handloads is concerned. Factory ammo, however, is a sad story. I have used the .375 on brownies and like it but, again, factory bullets are no good for heavy game like that. They won't penetrate . . . go to pieces like tallow. When I am guiding a cameraman whose life depends upon my ability to shoot, I want to stake my confidence in the .375 or the '06 with my own handloads. However, the .270 with the 160-grain Barnes bullet and 53 grains of 4350 powder is plenty all right. I have killed three big brownies with this load . . . one shot each!"

The seal-control work at which Sarber excels is not entirely practiced as a seal-control measure. Although there is a bounty on the hair seal in southeast Alaska because of its depredations on the salmon industry, Sarber's control is only a means to an end. He uses the seals in manufacturing a highly attractive wolf poison.

"For some reason, the blubber of the seal makes the most efficient bait known for wolves," Sarber told me. "Wolves go nuts over it. I also ship barrels of the processed oil to the States and other points for use on coyotes and other predators."

Quizzed on the necessity for wolf control, Sarber advised that in southeast Alaska it was a must.

"Without control," he said, "the wolf increases completely out of proportion. The devastation on deer, smaller game, and fur-bearing species is unbelievable. Even beaver are practically exterminated where wolves are allowed to increase uncontrolled."

Ensconced in the Game Commission's boat *Black Bear*, powered with a 110-horsepower Buda Diesel hi-speed engine, Sarber patrols the world's greatest and most picturesque inland seaway which runs from Juneau to Metlakatla. On deck the thirty-eight footer is both skiff and speedboat, which will put Sarber into the shallowest of bays or the narrowest of narrows at speeds up to twenty-five miles an hour.

Early last fall, Sarber was patrolling the moose-hunting country far up a mainland river. Through the grapevine which superlatively exists in the sparsely settled Territory, he learned of a cow moose which had been illegally shot and left to rot. Although comparable to searching for the proverbial needle, Sarber ultimately found the kill. By then it was two weeks dead. As he had anticipated, a big bear was in full possession of the remains. As is its custom, the giant bear had scratched more than a ton of turf, brush, sod and other debris over the carcass. When Sarber came on the scene, the brownie, a really big and fine specimen, was lying right on top of the kitchen midden.

"At my approach, the bear raised up on his haunches," Sarber told me, "a purely defiant attitude which indicated back seats not available—SRO.

"I eased up to about seventy-five feet and huffed at him a bit to see just how determined he was. I learned! I also spoke to him several times and walked back and forth to make sure he saw me. At times like this, a grizzly is really dangerous. They are not to be monkeyed with.

"Satisfied that his attitude was definitely defiant, I gave him a handloaded 160-grain Barnes bullet under the eye from the .270 and settled the argument. He was a beautiful specimen. Wonderful pelt. Too bad some hunter could not have had him. His pelt is now well salted and will be mounted for my office wall.

"Incidentally," Sarber postscripted, "enough evidence was found at the moose kill to convict the three men involved in the cow killing!"

The P.S. is typical of the Sarber modesty. Although repeatedly unable to secure a state- *(Continued on page 22)*

NEW .45 SAFETY

The average person thinks that when he has removed the magazine from a self-loading or so-called automatic pistol, he has unloaded the gun. Even a person skilled in the use of firearms may forget that a cartridge still is in the chamber.

The danger of an accident from this treacherous feature of the self-loading pistol is avoided by designing the weapon so that it cannot be fired unless the magazine is in place, and many automatics are so constructed. The .45 pistol M1911 is one of the few lacking a magazine safety.

The new device described below is simple, cheap, effective and, most important, can easily be applied to any existing M1911 without sending it back to the maker.—J. S. H.

CAPTAIN JOHN QUINN, U. S. Navy, on duty in Washington, D. C., and Mr. L. L. McDonie, a gunsmith located at Coral Hills, Maryland, have recently applied through appropriate naval channels for a patent for improving the .45 caliber automatic pistol. The invention will add greatly to the safety of this pistol and we hope, will eliminate embarrassing incidents such as the following:

Joe is visiting the home of his favorite hunting partner and quite naturally they gravitate to the basement den. Out of a locked drawer Joe's friend pulls a new .45 automatic pistol. He carefully removes the loaded clip before placing the pistol on the green felt covered table for Joe's appraisal.

Both men have been around guns and have even fired the .45 automatic in the service, but neither of them has been what you might call intimately acquainted with automatic pistols. With the clip out they both feel a sense of security in the weapon's being unloaded.

"Try that trigger," Joe's friend says with pride.

Joe picks up the pistol, studies the feel of the grips in his hand, selects a small knot hole in the pine wall and steadies down to an educated squeeze.

Pow—the ear-splitting bark of the .45 in the small room shatters the silence. Both men remain momentarily frozen as their chins sag and the color drains from their faces.

Joe and his friend are lucky. The only damage done is a hole in the wall just below Joe's aiming point. Both feel a little sick as they collapse in chairs.

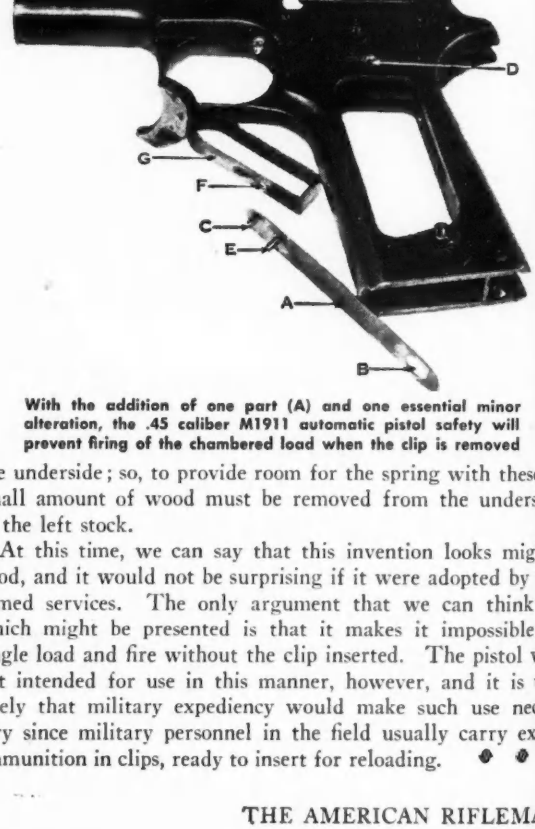
You probably know the answer as to why the .45 went off. When Joe's friend had put the clip in his .45 and closed the action, a cartridge, as it is supposed to do, was chambered. Removal of the clip did not remove the one round from the chamber. Very simple. Yet anyone, and particularly someone not familiar with automatic pistols, is liable to make a quick, but faulty, deduction that a pistol is unloaded and safe to handle when he sees that the clip is removed. Several accidents have happened while preparing to clean pistols supposedly unloaded but actually "booby trapped" with one round in the chamber.

The problem which Captain Quinn and Mr. McDonie tackled, to state it briefly, was to fix the .45 automatic pistol so that it would not fire a round in the chamber when the clip was removed and to do this without impairing the military efficiency of the pistol. They were not the first to attempt this but previous inventions either had been impossible of application to existing weapons or else had been too complicated and expensive.

The invention which they have turned up with is extremely simple, inexpensive, and it does the job well. These qualities make it outstanding. Their invention calls for the addition of only one part. It is nothing more than a leaf spring (A) with a cam pin and a lock pin secured to it. The spring with the two pins weighs less than one ounce. The spring fits under the lefthand grip, a hole (B) in one end of the spring going over the lower bushing for mounting the left stock. This serves to hold the spring in place at the lower end. The upper end is held in position by the lock pin (C) being inserted into a hole (D) in the frame.

The invention works in the following manner. When the clip is in place, the cam pin (E) rides on the surface of the clip, raising the spring and preventing the lock pin (C) from going all of the way through the hole (D). As the clip is removed, the cam pin rides off the end of the clip, thus permitting the upper end of the spring to move inward. This movement pushes the lock pin all the way through the hole (D) in the frame and on into the hole (F) in the trigger bar (G). This locks the trigger to the frame, making it impossible to pull the trigger or otherwise fire the pistol by accidental movement of the trigger.

The essential alteration to the pistol only amounts to drilling the hole through the frame and trigger bar. The pistol need not be disassembled to drill this hole, but the magazine should be replaced by a piece of wood or other material to support the trigger bar against pressure of the drill. The regular-issue plastic stocks have a recess on the underside which, by dressing down the upper fillets, is large enough to house the spring. The older issue wooden stocks are flat on the underside; so, to provide room for the spring with these, a small amount of wood must be removed from the underside of the left stock.



With the addition of one part (A) and one essential minor alteration, the .45 caliber M1911 automatic pistol safety will prevent firing of the chambered load when the clip is removed

At this time, we can say that this invention looks mighty good, and it would not be surprising if it were adopted by the armed services. The only argument that we can think of which might be presented is that it makes it impossible to single load and fire without the clip inserted. The pistol was not intended for use in this manner, however, and it is unlikely that military expediency would make such use necessary since military personnel in the field usually carry extra ammunition in clips, ready to insert for reloading.

MANY GUNS HAVING BOTH RIFLE AND SHOT BARRELS CAME TO THE U. S. AFTER THE WAR. THIS HUNTER THINKS THEY MIGHT BE VALUABLE ARMS HERE, AS THEY ARE IN EUROPE

modern combination guns

By FRANZ ROSENBERG

IT HAS ALWAYS been a puzzle to me why certain combination guns and rifles like the European *Bockbüchsflint* and *Drilling,* to use their Boche names, were not more popular among British and American sportsmen. In their most advanced forms these guns are exceedingly practical. They are deadly weapons for those who may expect to meet up with a variety of game, small and large. It seems to me that such combination guns would be invaluable in Africa, certain parts of Asia, and in North and South America.

At one time British gunmakers built some very heavy double-barreled combinations—"Cape Guns" for the South African market. They were usually made with outside hammers, the shot barrel in 16 or 12 bore and the rifle barrel chambered for the .450 or .500 black-powder Express cartridge. In later years a rifle barrel, chambered for the .303 military smokeless cartridge, was also available in combination with a shot barrel. These effective but clumsy weapons were great favorites with the Boers and Africanders.

The English "Ball and Shot Gun"—like Holland & Holland's "Paradox" and Westley Richard's "Explora"—is a double-barreled gun having the last two inches of the muzzle rifled. In other models "invisible" rifling runs the whole length of the barrel. Still others are rifled with an oval bore, as in the Lancaster gun. These guns are accurate up to 100 yards with ball and are very effective on soft-skinned game at close quarters, but they do not shoot particularly well with shot. Except for the Westley Richards "Explora" and "Fauneta" with their long brass-capped bullets, they are, of course, useless with ball at long range.

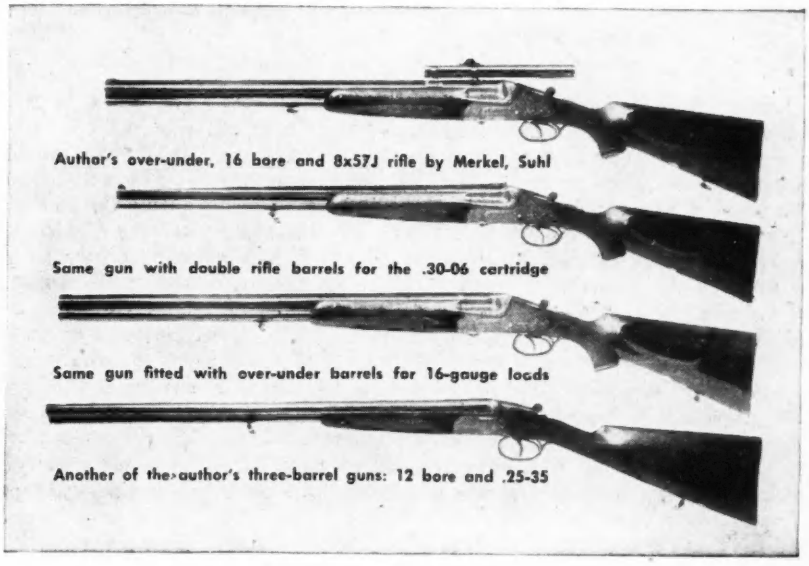
Though Lancaster and another London gunmaking firm, Edwinson and Green, advertised three-barrel combination guns in prewar days, I never saw such a gun of English manufacture and suspect these were bought in Germany in the white state and finished and stocked in England.

We need not discuss the two-barrel combination gun with the barrels side by side, although the Continental models are light and handy. However, owing to the rifle barrel being the heavier, they give a lopsided feeling which guns built on the over and under principle do not have. Such guns were built in every kind of combination of shot barrel and rifle barrel, from delightful 20 bore and .22 Hornet, and 20 bore and .25-35 Winchester or .22 H.P. Savage combinations, up through 16 bores and 6.5 mm., 7 mm., and 8 mm., to the real big-game guns in 12 bore and 9.3 x 74. The rifle barrel usually gives a very high degree of accuracy when used with a scope sight.

I had one such gun built especially for me by the Suhl firm of Merkel Brothers long before the war. It was originally intended as a double-barreled over and under big-game rifle, chambered for the .30-'06 Springfield cartridge and regulated for a load of 50½ grains of Du Pont No. 15½ powder and the Western 220-grain boattail bullet with small pin-point lead nose. It was my favorite moose rifle for many years. The action was a detachable side lock, with the tang brought over the comb and bolted through to the trigger guard. The barrels of Boehler Special steel were fitted with ejectors which handled the rimless cases perfectly, though I did have an occasional misfire or hangfire.

To this same stock were fitted a pair of 16-bore shot barrels and a combination of 16-bore shot barrel on top of an 8 x 57JR barrel. The latter pair was equipped with a Zeiss Zielklein scope low down on the rib. All barrels had ejectors, and the action had the "Kersten" or double Greener top bolting. The double gun was extremely accurate, and so was the 8 x 57 and shot barrel combination. When loaded with the big Brennecke slug, the barrel shot to the same center as the rifle barrel at sixty yards.

While I personally consider this the limit for a practical combination outfit to carry while traveling, here is what the prewar German firm of Simson & Company of Suhl built for the well-known Swedish hunter-naturalist and animal photog-



Author's over-under, 16 bore and 8x57J rifle by Merkel, Suhl

Same gun with double rifle barrels for the .30-06 cartridge

Same gun fitted with over-under barrels for 16-gauge loads

Another of the author's three-barrel guns: 12 bore and .25-35

rapher Bengt Berg: A "pair of guns" with Anson & Deeley actions, pistol grip stocks, and *nine sets of double barrels,* all barrels interchangeable with either of the two stocks. The combinations were as follows:

One set of double barrels for .470 Nitro Express fitted with scope sight.
One set of double barrels for .360 No. 2 Express with scope.
One set of double barrels for the 12-gauge Super Magnum Explora cartridge (ball and shotgun).
One 12-gauge barrel with Paradox boring and one rifle barrel for 8 x 60 Magnum.
One 12-gauge shotgun barrel and one rifle barrel for .280 Ross.
One 12-gauge shotgun barrel and one rifle barrel for .22 Hornet.
One set of double rifle barrels for .22 Hornet.
One set of double 12-gauge shotgun barrels for 3-inch case.
One set of double 12-gauge shotgun barrels for 2¾-inch cases.

The owner speaks very highly of this outfit, though it would seem that some of the combination barrels would be superfluous and the whole outfit would make a big load indeed.

Another combination gun which the Merkels built for me was an over and under 20 bore and 5.6 x 35 *Vierling* (the German equivalent to the .22 Hornet). The barrels, only eighteen inches long, were sighted with a Zielklein scope. The shot barrel which took two and three-quarter-inch cases was equipped with a full choke; it shot a Brennecke slug very well. This was a delightful companion in the woods which went easily into my rucksack. Nice as such guns are, one soon begins to miss the second shot barrel. The three-barrel gun is the real combination gun and rifle for practical use.

Above: Sauer & Son three-barrel rifle and shotgun combination with side locks. Rifle lock is cocked by lever beside trigger guard. Below: Three-barrel gun with cocking lever on the grip

During many long expeditions in Africa and South America, I often felt the want of such a gun, and spent a lot of time and money in experiments until I found the ideal, for Norwegian conditions at least. The final outcome of my efforts was a light hammerless gun with two twenty-six-inch 12-bore barrels, and a small .25-35 Winchester rifle barrel underneath, on an Anson & Deeley action. The rifle lock is mounted on the trigger plate and the safety slide is on top of the grip. In front of the safety slide is the small lever which switches the trigger over to the rifle lock.

This gun was an exact copy in balance, stock, and general contour of my pair of Holland & Holland 12 bore ejectors. The rib was sunk between the barrels and the only sights were a small white enamel bead and a folding peep on the rib at the breech. The gun shot extremely well with the Brennecke slugs and the rifle barrel was as accurate as any. It weighed just a shade more than the light double Hollands and less than the usual American double shotgun.

Most Continental three-barrel combination guns are fitted with a pistol grip stock, an automatically folding open sight, and nearly always a scope, hence they seldom balance and handle like one's favorite shotgun.

Other combination guns were also built for a variety of shot and rifle cartridges. There were light guns for 20-bore shot and small caliber rifle cartridges of .25-35 Winchester or .22 H.P. Savage type. The 16-bore shot barrel and the 6.5 x 57 rimmed, the 7 x 57 rimmed, or the 8 x 57JR rifle barrel was easily the favorite on the Continent, making a combination that need not weigh more than about seven pounds if of good quality.

For bigger game the favorite combination was 12-bore shot and the rimmed 9.3 x 74 cartridge, which in the most modern loads is nearly as powerful as the .375 Magnum. I have also seen them chambered for the powerful 10.75 rimmed cartridge. These guns are, of course, somewhat heavier than the 16 bore smaller caliber combination, though I have used a 12 bore and 9.3 x 74 combination that did not weigh over seven and three-quarter pounds.

Owing to the great stiffness of the three barrels soldered together, combination guns gave extraordinary accuracy with the rifle barrel. I cannot imagine a handier firearm for everyday use in Africa or India since the heavy Brennecke slugs are very deadly at close range on all soft-skinned game.

Besides the big-game load in the rifle barrel, one could use a small-game load with a short, light bullet either jacketed or gas-check, and for this purpose have a separate back sight.

The cheaper grades of three-barrel guns are built on the so-called "Blitz" system with all three locks on the trigger plate. The Anson & Deeley action is much better, however.

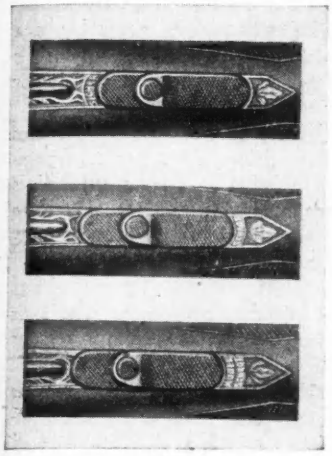
Some sportsmen do not like to have the rifle lock cocked all the time, so some makers, Sauer & Son among them, built a gun on which only the locks of the shot barrels were cocked by the breaking of the gun. The rifle lock was cocked by a small lever on the lefthand side of the trigger guard. By means of this lever the rifle lock could be cocked and uncocked without opening the gun. When the rifle barrel had been fired, a light touch on the lever, or pressing a small button on the righthand side of the action on some models, switched the trigger to the shot barrel locks. I used such a gun for many years and found it very good indeed. Another variety has the rifle lock cocked by a slide on top of the grip. These guns usually have the old Greener safety on the left side of the grip.

The well-known firm of Sauer & Son built their best quality three-barrel guns with side locks for the shot barrels and the rifle lock on the trigger plate. These guns have the safety on the lefthand side and the trigger is changed from shot barrel to rifle by a slide on the top of the grip. I think, however, that most sportsmen will favor the slide safety unless they use a Greener safety on their double shotguns.

Let me mention here the cute arrangement for automatically raising and lowering the back sight when the rifle lock is cocked and the slide is set for the rifle barrel. The folding front sight is connected to the change-over slide or the cocking lever by a thin steel rod which runs inside the hollow barrel rib. When this rod is pushed forward by a small similar rod in the action, which is acted upon by the change-over lever, the sight folds down against the barrel. In some of these combination

guns the sight drops automatically when the rifle barrel is fired.

The great trouble with earlier three-barrel guns was that two barrels frequently went off at the same time when the trigger was pulled. The modern guns, however, have a most effective system which automatically locks the safety on two barrels when the third is fired. This system is practically foolproof.



Burgsmüller slide safety combined with arrangement for changing from shot to rifle lock in three positions (top to bottom): safe, shot, and rifle barrels

While such guns sometimes were built with ejectors on all three barrels, or only for the shot barrels, this needlessly complicates the design and is not to be recommended. However, in one very practical arrangement, the rifle extractor pulls the empty case half an inch or so further out than the shot shells, so it can easily be grasped by the fingers.

An adjustable peep sight on the grip, often made to fold into a recess in the safety slide, is seen on some guns. I have found the small, folding peep sight on the rib more practical, though it cannot be raised or folded down automatically.

Gunmakers and designers were continually working on improvements. The firm of H. Burgsmüller & Sons has evolved a gun which they dubbed "the thinking three-barrel gun"—and rightly so. The gun was built either as a *Blitz* or as an Anson *Drilling* and had only *one* slide on top of the grip. All three locks were automatically secured when the barrels were broken for reloading, but the gun could also be had without automatic safeties. The one slide handles both the safeties and the changing from shot to rifle, and does away with the two slides which often were confusing to the uninitiated. In the middle of the slide is a small spring-actuated knob which prevents the slide from going farther than a certain point. Suppose you want to take off the safety: You push the slide forward until it stops and the shot barrels are now ready to be fired. You want to use the rifle barrel, so you press the small knob which permits the slide to go still farther forward, and you are ready with it. If the slide is brought back to the middle position, both shot barrels are again available.

This is not all. As you press on the trigger to fire, say the right shot barrel, the two locks actuated by the other trigger are automatically secured and vice versa.

On most three-barrel guns the action must be opened very wide in order to load the rifle barrel. If this is not done the locks may not be cocked, just as in over and under two-barrel guns which also must be opened very wide to cock the locks. In order to prevent mistakes, some of the latest models have a kind of "precocking" arrangement so the three locks can be cocked without the necessity of opening the gun so wide. Another little gadget was a system of tiny channels leading oil to all the various parts of the mechanism needing lubrication from one little central hole in the action body, which could be closed hermetically to prevent damage from dust and moisture.

Two late developments of the three-barrel gun was the *Short Drilling* with barrels only about twenty-one inches long and the *Drilling* with a body made of Duralumin which makes the gun much lighter. It seems that this latter type has proved quite practical and was fully guaranteed by its makers.

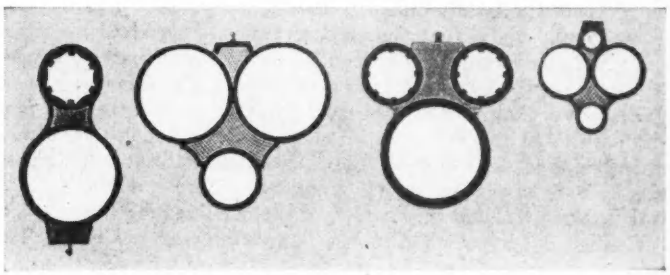
A special form of three-barrel combination gun for big game was built with two rifle barrels on top and one shot barrel, preferably 20 bore, underneath. Some were made with one rifle barrel and one shot barrel on top and the second rifle barrel underneath with which an extra set of two shot barrels with a rifle barrel underneath for the same, or a different, rifle cartridge could be interchanged.

I have seen these big-game *Drillings* used with deadly effect in wild boar drives in Poland and elsewhere. If again I go on a shooting trip to Africa, I know a good three-barrel combination 12-gauge double and a 9.3 x 74 shall be included in my battery.

Now the Germans weren't satisfied with three barrels to a gun, so we also find four-barrel guns. The fourth, a small rifle barrel, is inside the top rib, usually being the 5.6 x 35 cartridge or *Vierling,* hence its name (*Vierling:* quartet). These were ugly guns. In later models, however, the third small-bore rifle barrel was placed between the shot barrels and the under rifle barrel. This allowed the mounting of a scope on the rib, which was not possible with the first pattern. When the action is made of Duralumin, they are neither heavy nor clumsy. Built with a steel action for 16 bore shot, 8 x 57JR rifle, and .22 Long Rifle cartridges, they weigh just seven pounds. If the action is of Duralumin, they weigh considerably less.

Normally the *Vierling* has four locks, one for each barrel, which are mounted on the trigger guard. The change from shot to rifle is effected by a slide on top of the grip while the safety is of the Greener pattern on the left side of grip. The two triggers act either on the two rifle locks or on the two shot barrel locks, and when either set of barrels is used the other set is locked. In this way the *Vierling* cannot be used with one shot barrel and one rifle barrel as with the typical *Drilling.*

The firm Burgsmüller and Sons built a four-barrel gun with only three locks mounted on the trigger guard. It had a safety arrangement similar to the one on their three-barrel guns where those locks that are not used are positively locked and safe. There is a separate firing mechanism for each of the shot barrels while the third fires both rifle barrels. The change from one mechanism is effected by means of a small lever on top of the grip, which at the same time acts as a safety. When the lever is parallel with the grip, all four barrels are safe. If turned out to the left, one may fire one shot barrel and one rifle barrel. If turned out to the right, both shot barrels may be fired. In the first instance one may have the choice between either the big rifle barrel or the small bore. If the small bore is desired, *(Continued on page 44)*



The muzzles of various modern European shot and rifle combination guns

IT'S YOURS FOR THE ASKING!

By LYMAN L. WOODMAN

WHEN SOME of the regular, prewar members of the Greenbelt Gun Club of Greenbelt, Maryland, began straggling back to the fold from uniformed duty early in 1946, interest picked up in the matter of .30 caliber rifle shooting. Notices of the sale of Enfields and Springfields aroused a desire for these military arms and several members obtained them.

By the time there were five .30 caliber military-type rifles in the club, we began a serious hunt for a place to do some long-distance shooting. The firearms ordinance of our town prohibits the use of big-bore rifles on our range. Besides, we could not get more than 150 yards straightaway shooting on the premises unless we backed the butts onto the highway. We were unable to make satisfactory arrangements during the summer and fall for .30 caliber target shooting on private lands, and we closed the season with some unfired rifles.

During the winter of 1946-47 we received a copy of Army Regulation 850-100 from the Director of Civilian Marksmanship. Under its provisions we drew the club's issue of two 1903 Springfields and three cases of .30 caliber ammunition, and put them in temporary storage.

In April of 1947, then having seven big-bore rifles and yearning to hear them roar at targets, we decided to do something about that section of AR 850-100 entitled "Use of Rifle Ranges for Rifle Practice by Civilians" (paragraph twenty) which says that all rifle ranges at Army posts are "open for use by rifle clubs, schools, colleges, and other responsible organizations, when not actually required for the use of the Army."

First we wrote a letter to the DCM and got clearance on our proposal to seek permission to shoot on a nearby Army post. Then, in a letter quoting paragraph twenty and the DCM's clearance, we asked the commanding officer of Fort George G. Meade, a post fifteen miles from our town, for the use of the rifle range at such time as would not interfere with his training schedule. We pointed out that our club members would perform all the labor involved in using the range, and that we had men with experience.

In a week's time we had an encouraging response from Fort Meade's training officer. We met with him at headquarters one Saturday afternoon and worked out a tentative range schedule that would not conflict with the military program. The training officer's attitude was one of complete co-operation. "Just give me a week's notice each time you want to use the range," said the Major, "and I'll arrange everything." We did, and he did, and we've had some swell times at Fort Meade.

It is felt that approval of our request may have been cinched by mention in the letter of the fact that our membership includes former Army, Navy and Marine personnel, and men who have taken the Instructor's Course at Camp Perry. It certainly did not hurt to reveal this information. It doubtless helped also to emphasize that our group was willing to do the work involved, and that we were able to run our own program.

The first Sunday we fired at Meade, two sergeants guided us in target installation and range operation. One supervised the pits and the other remained on the firing line to offer advice when needed, and to observe our compliance with the safety rules.

It was 200-yard shooting on the first visit. We sighted in our Enfields and Springfields and a couple of deer rifles which were brought along. We took turns pulling and marking targets. The oldest (and biggest) member of our junior club came along to help with the targets. We coached him in a few shots with the Springfields and he got a big kick out of it—in more ways than one. Incidentally, giving the boys this experience is a good way to develop the junior shooter's interest in gravitating to the senior division.

On another trip to the Fort we added rapid-fire exercises to our offhand and other position firing. This was in preparation for firing the Army qualification course for the badges authorized for issue to civilians under AR 850-100. The three new M-1 Garands drawn by the club under the same regulation during the summer have been put to good use.

The club's 1947 program called for three practice shoots and one full day to fire the qualification course. The Fort Meade visits have been sandwiched in between our regular small-bore league matches. The military rifle firing has been a most interesting and enjoyable diversion from the regular small-bore activities—and it does help maintain shooting interest for the greatest number of members.

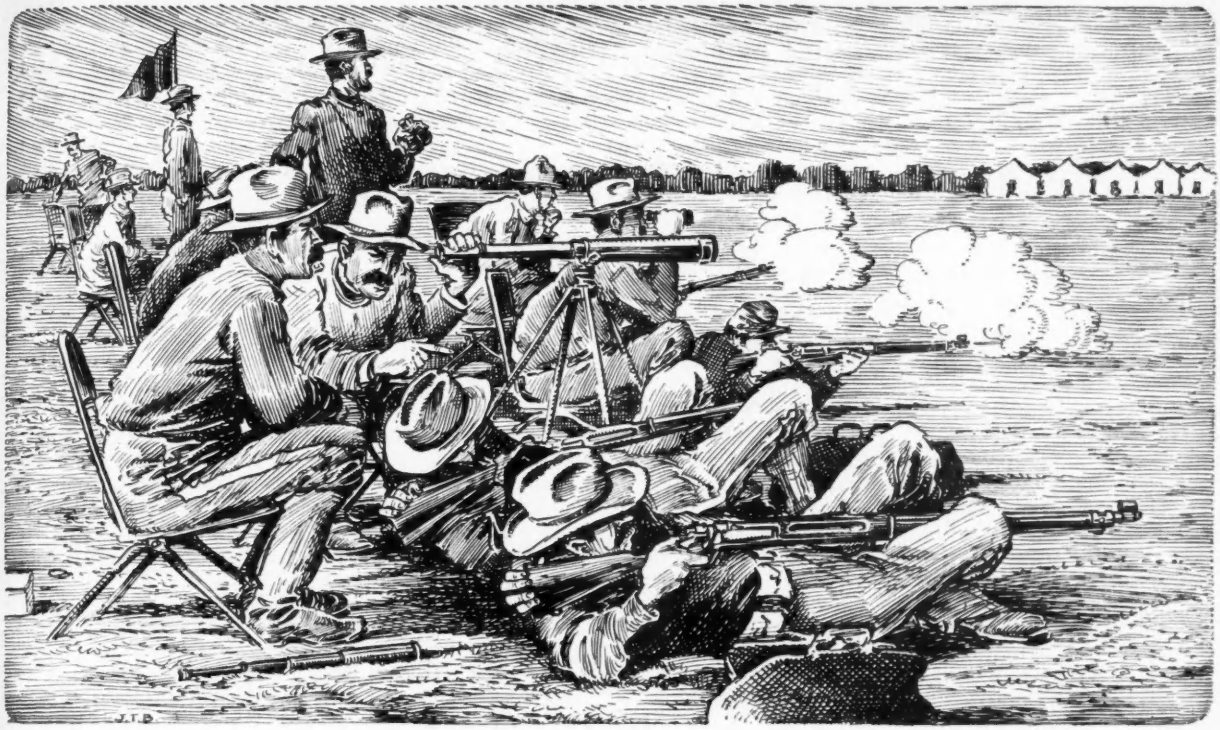
There are probably many clubs which do not realize that the rifle ranges at Army or National Guard installations can be made available to them. In the interest of those club members, former service personnel or not, who might wish to participate in big-bore rifle shooting, clubs cannot afford to overlook the possibility of gaining access to these ranges.

Those clubs which regularly sponsor registered tournaments but are without range facilities for .30 caliber matches might find that it is possible to use military installations for big-bore events.

The local National Guard range can mean a lot of fun for club members

One noteworthy phrase in AR 850-100 which should convey a special message to every shooter is this: "It is the intention of Congress that, so far as is consistent with the proper training of troops, the range facilities and personnel of the Army will be available for the instruction in rifle practice of all able-bodied male citizens capable of bearing arms."

There you are, brother riflemen, the target is clear and conditions are favorable—just line up your sights and go ahead. ◆ ◆ ◆



COACHING THE DRYDEN

By COLONEL W. A. TEWES

SUCCESSFUL team coaching demands of the coach constant alertness to detect small things. For instance, a whiff of perfume—but I am ahead of my story!

The Dryden Trophy Match was one of the classics of the shooting world when the eyes of shooters focused largely on the annual New Jersey State Rifle Association Matches at Sea Girt. The Dryden Trophy had been presented by United States Senator Forrest F. Dryden, of New Jersey. The course of fire was gruelling—200 yards standing, 600 yards, 900 yards, and 1000 yards prone. The match was open to state teams of eight shooters, team captain, and team coach.

The outstanding state team in 1904 was the New York aggregation. They had won the first National Rifle Team Match fired at Sea Girt in 1903 and had repeated in the National Matches at Fort Riley in August of 1904. They came into Sea Girt that fall with a well-publicized and powerful team, primed to add the Dryden to the scalps at their belts. They lived up to their press notices during the early matches of the program.

Then came the morning of the Dryden. The Adjutant General, R. Heber Brientnall, and I were talking near the 200-yard firing line when General Spencer emerged from the clubhouse and addressing the A.G., said, "Heber, I have a convention of bankers in the club and won't be able to give the team any attention. Will you kindly captain the team today? I also just got word from Will Hayes that he won't be down."

"Be glad to, General," replied the A.G. who then turned to me and asked, "Bill, will you coach?"

I said I would be delighted and within a half hour the Dryden got under way. This was my first job of coaching a state team. The results led to many similar jobs.

The conditions that morning were ideal—overcast and a minimum of air movement, with a slight drift of not more than three or four miles per hour from twelve o'clock. It was one of those rare days when Nature seems to mark time and the same soft lull prevailed throughout the day. The red streamer in the middle of the long-range butts hung straight down the pole. It stayed that way all day.

Going down to the beach for my morning swim shortly after daybreak, I noted that the pit detail had not hauled the flag down the evening before and it had been out all night. The domett flannel of which these flags and streamers are made is very hygroscopic and will absorb considerable moisture when exposed to a sea breeze. During the night the moisture would seep down to the fly end, which would then become wet enough to cling to the pole. When the dry streamers were raised later in the morning they also hung straight down the pole, draped

AFTER THE MATCH, COLONEL BILL COULD LET THEM IN ON THE SECRET. "YOUNG THINGS," HE SAID, "HAVE A FRAGRANCE OF THEIR OWN"

☆ ☆ ☆

THE FIRST OF A NOSTALGIC SERIES BY ONE OF AMERICA'S GREAT RIFLE-TEAM COACHES

on the side toward the shooter, apparently devoid of movement. In the case of a head or rear drift of only three or four miles per hour there is no apparent movement of the flag. Only a beam breeze of such lightness would enable the shooter or the coach to detect any lift of the fly end of the flag to give him enough angle to judge its speed. The wind vane, geared to the wind-clock hand, was of heavy metal and would not respond to these soft head and rear air currents and remained at twelve o'clock throughout the day. In those days the Sea Girt range was liberally flagged with streamers on each flank and down the center but that wet midbutt streamer was the one that received most attention from the firing line.

I mention these details in view of what happened later in the day because many coaches devote considerable study to flag movements. I ignore these range flags completely as they are generally much too high to serve as reliable indexes to air movement in the plane of fire.

The New York team had won the National Team Match in August for the second time and most of the spectator interest centered on them as the 200-yard stage got under way. There is not much that the coach can do for the team in the offhand stage. The shooter is pretty much on his own and his score will generally measure up to his skill and experience in the standing position. On an open range, still conditions are favorable to high scoring but in windy conditions the shooter feels lucky to keep his shots near the bullseye. Whatever points a team can build into a lead at 200 yards is that much velvet for the longer ranges, prone, where all are pretty much on the same level of skill.

It soon became evident as New York steadily forged ahead that she was the boss of the show, while New Jersey gradually found her level at the end of the 900-yard stage in next-to-last place. The 1000-yard stage was a repetition of the others—New York forging farther ahead, while Jersey seemed destined to sift herself comfortably into bottom place. The Jerseymen simply were not good enough shots to stay in the bull even in those easy conditions. Then it happened. . . .

Price and Martin had just fired their two sighters apiece, all in the bull, when suddenly I said, "Hold up for a minute," and jumped to my feet for a quick look-see. Thinking I wanted him, the range officer came over to me, so I said to him quietly, "Deliver this message to the pit: We want faster service on this target. There's no sense in the marker taking two minutes to decide to pull the target. If the marker is on his job, he knows instantly when his target is hit. Then to pull it down, insert the spotter, paste up the old bullet hole, shove the target up and disk the value of the shot, all takes less time than it does to say it. Get the names of the pit officer and the marker on this target and hand those names to General Brientnall."

"Yes sir."

Then I dove down between my pair and said, "Fellers, believe it or not, we can win this match if you will do exactly what I tell you, but we've got to move fast. No time for long holding or tickling the trigger."

"O.K.," they chorused.

"Price, come down three minutes in your elevation."

"Martin, come down four minutes."

Price obeyed without question, but Martin, always loud and arrogant, said, "You told him three."

"I did," I replied, "but I'm telling you four. And pipe down because I'm not coaching this whole firing line."

"Now here is the procedure: As soon as Price fires, you, Martin, will load and aim. And as soon as the target comes to rest after being marked, let 'er go promptly at six o'clock unless I tell you otherwise. Price, the same for you. You'll see some fun along this line in half a minute." I had hardly said the words before the other teams were missing the target and calling for marking.

The request for the names of the pit officer and marker had an immediate effect, for the Jersey target shuttled up and down like a machine. The target often seemed to duck before the bullet could have reached it, simply because the time interval of an echo and its reverberations is longer than the flight time of the bullet.

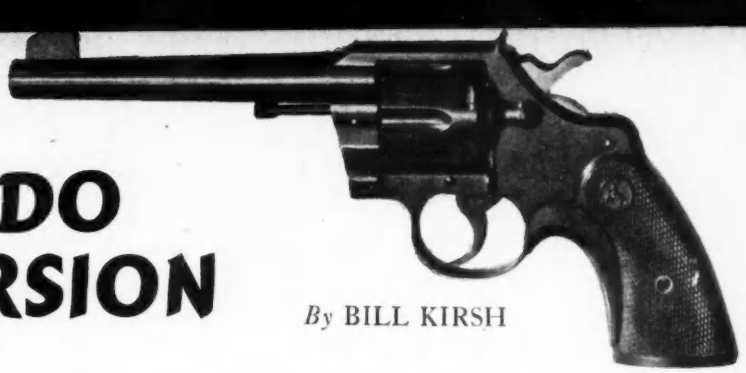
It is easy to come from behind with bullseyes while the other teams are missing, and in the twelve to fifteen minutes that it took the other teams to find their way back on the target, New Jersey had gone into the lead and won the match. After the match Col. N. B. (Peggy) Thurston, team captain, and Sgt. George H. Doyle, coach of the New York team, came over with their hands extended, saying "Congratulations, Bill. That was some coaching!"

In the meantime, the ubiquitous photographer was hovering around anxious for a take. Said Brientnall, "Bill, looks as if we're going to have our pictures took." As we were being focused we saw Spencer hotfooting it our way from the clubhouse, gesticulating excitedly in our direction. The A.G. told the cameraman to hold his shot for a minute until we could learn what the excitement was about. It seemed that all Spencer wanted was to get into the picture. His secretary had brought him the news. Brientnall pushed him away playfully, saying "Go away. You disowned us this morning and we orphans want no part of you now." Nevertheless, he was included in the group.

After the shooting was finished, there was considerable excitement over the sudden change in the fortunes of the match. It gave me a smile to see the Jerseymen preen and strut, and to listen to their vain-glorious postmaxims. When a team wins, it is because of their skill and when they lose, because of poor coaching.

(Continued on page 40)

COLT COMMANDO CONVERSION



By BILL KIRSH

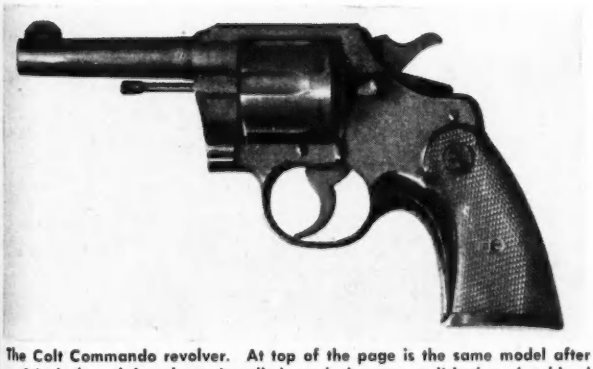
MANY ARE THE REMARKS, good and bad, that I have heard about the .38 Special Colt Commando revolver with a four-inch barrel. This undignified piece of workmanship has been the target for many a good argument in gun shops, on pistol ranges, and anywhere pistol shooters gather. During the war when a sturdy quick-production pistol was needed, the Colt Firearms Company made this gun to Army and Navy specifications, giving it a dull unattractive sand-blast finish to keep shine and light reflections to a minimum. Some Colt Commandos and some S&W Victory Models were manufactured for the purpose of arming police and plant defense personnel when other guns were not available. There are a lot of these guns in circulation today—doing nicely, thank you—but the rough, unpolished finish on them is not too popular.

I have seen many Commando pistols that have been reblued and, outside of a sloppy polishing job, they looked quite postwar-like. To get a nice blue finish and keep the original shape of the gun intact, the polishing should be done by hand with various grades of emery cloth, starting with 100 grit, then to 150, and finishing up with 240. These grades are sold by the Carborundum Company of America.

Well, let's get back to my original reason for this article. After being on the listening end of the good and bad points of the Colt Commando, I decided to take the situation in hand and see what could be done with that hunk of steel and plastic. I obtained one in very good condition and, after taking it completely apart and studying it carefully, decided to make a first-class target pistol of it which would end these arguments once and for all.

The first problem was to make a six-inch barrel, this being the popular length of all target pistols. After much trouble and writing many letters, I found a barrelmaker who had the correct size that I needed. I decided to make the outside diameter of the barrel .025 inch larger than the heavy Colt barrel used in the Officer's Model and Official Police guns.

The next step was to set up the lathe to get the correct taper for the outside of the barrel. A simple way to do this is insert a Colt heavy barrel—if you can get one—between centers of the lathe and, using a dial indicator in the toolpost holder, offset the tail-stock until you get a zero reading along the outside center of the barrel. After this has been accomplished, remove the Colt barrel and insert the piece of .357-inch (inside diameter) barrel between the lathe centers and turn it, as in my case, from .775 inch down to .610 inch at the muzzle. This gives a nice taper and balance when installed. After this is finished, the lathe must be set back to zero again so that it cuts truly.



The Colt Commando revolver. At top of the page is the same model after a 6-inch barrel has been installed, and the gun polished and reblued

Now comes the operation to cut the threads so that the barrel can be screwed into the frame. Using the Commando barrel for the correct size and pattern, set your lathe to cut thirty-two threads to the inch. The barrel should screw in with a snug fit so that it will not shoot loose. Another important feature is the space between the barrel and cylinder—it should not be over .005 inch.

Having progressed so far, I was really getting anxious to complete this conversion for the test on the firing line. But the sight problem was still unsolved. Did I need adjustable sights or could I do just as well with a wide fixed sight that had a deep clean-cut rear notch?

I had found from experience that a revolver sighted in at six o'clock for twenty-five yards shoots very well at fifty yards with a center hold. I decided to install fixed sights so that I could not continually blame the sights for my poor scores or always have the trouble of replacing the adjusting screws. I made the front sight one-eighth inch wide and one-half inch long. Using the Officer's Model front sight as a pattern for height, and with a height gauge getting the center of the barrel, I silver-soldered it into place. I also checkered the face of the front sight to kill any light reflections. The rear sight I made by inserting a blade into a groove machined into the frame and silver-soldering it into place.

Having cut my rear notch, I was ready for the bluing which, as I mentioned before, calls for a hand-polished finish to make a perfect job. Now the last but most important part was tuning up the action to give the best results. First, I sharply checkered the hammer spur by annealing the hammer spur slightly. Then I polished all the working parts and lightened the main spring. All I had to do was adjust the trigger pull to target weight, two and one-half pounds, stoke up the fire for my blue pot, and assemble one of the finest guns I had ever held in my hand. Oh yes, I also installed a pair of Ten Point grips.

After the pistol was ready for the firing line, I let several shooters test it. The outcome of the work that went into making over this rough-looking gun was as gratifying to the experts who shot it and to me as though it had been made at the factory for target work. I can truthfully say that the Colt Commando can be made into as fine a target gun as is possible to purchase. ♦ ♦ ♦

Self-Loaded Gunnerman

(Continued from page 13)

ment other than, "quite a few," in reply to my how-many-bears question, I finally secured a hair-raiser which almost prompts me to sell my cameras and invest in '06's or the like.

"I guess my narrowest escape from bears was the time the big female Kodiak came back with her two grown cubs—two-year olds." Sarber related the story only because Forest Examiner Jay Williams could verify it; he was 500 yards off watching through binoculars.

"I was taking photos and acting as guide, guard, et cetera," Hosea said. "The bears were feeding in a typical grassy meadow at the head of a bay. In order to get the photos, I had to come out of the forest between the bears and their only cover. Needless to say, this was inviting catastrophe. I knew of the danger but wanted the shots. So long as I was quiet and careful, all went well. Once in position, I snapped shot after shot of the bears moving about unaware of my presence. Distances varied from twenty-five to forty feet!

"Finally, one of the cubs spotted me at about sixty feet distance. Immediately, he began huffing and blowing. This set the mother on fire. As the old girl huffed and blew, I took one more photo before discarding the camera for the Springfield with its 200-grain handload. It wasn't necessary to fire, however, for the she-bear soon settled down again. Sensing the alarm was over, I put the rifle over my arm *with the safety still off* and picked up the camera for more shots. As I did this, my arm accidentally lifted the bolt handle.

"No sooner had I begun to maneuver for another shot when the she-bear got her cubs before her and started for cover. She was going well around me. Feeling that she was not trouble bent, I jumped up and rushed at her, huffing and blowing. I knew she would stop, possibly turn and give me one last parting picture. Not so this old gal. She stopped only long enough to swing her ponderous weight about face and rage into a determined charge. Although both cubs came along full speed with the mother, I was concerned only with the she-bear.

"Carefully—it has to be done this way or else—I eased off a shot only to have the rifle misfire because of the lifted bolt. With but seconds to spare, I managed to jack in another cartridge and get the shot off. It had to be perfect. There would have been no third opportunity. The bullet entered just back of the left jaw, smashed the neck and lodged in the back of the right lung. I learned this later. At that moment, my greatest relief came from the fact that she had been knocked flat. The cubs veered, passed me at fifteen feet racing for cover. I had the rifle on them but didn't need to shoot. When Jay and I later measured the distance, the telling shot was gotten off at twenty-seven feet!"

Hosea explained to my query that he ran at her only to stop her for more photos. "It was purely a case of provocation. Cameramen are all nuts anyway! I know that she would not have charged had I not provoked her. I did learn one thing from the encounter, however. Brownies and grizzlies can definitely be turned back for photos and such by making certain sounds at them. I have done this a number of times since."

As successful gunnermen go, never was there a more perfectly handloaded melodrama than that which satisfied the dreams of a Hoosier farm lad who got his first gun by writing "Dear Mr. Sears Roebuck." ◆ ◆ ◆

Report from the DCM

THIS REPORT is published for the information of NRA members who ordered Ordnance equipment from the Director of Civilian Marksmanship prior to the suspension of rifle sales on December 31.

As of January 2, 1948, the Sales Division of the DCM was processing purchase requests received on October 20, 1947. It is estimated that by January 31, 1948, they will be working on requests received in late October, 1947.

Members who have ordered the .30 caliber M1903 Springfield rifle (either serviceable or unserviceable) may no longer be guaranteed a prewar rifle of Springfield or Rock Island manufacture. They may be sent a rifle of wartime manufacture. This will have a modern nickel steel or chrome-molybdenum nickel steel receiver, but in most cases will have stamped trigger guard with stamped magazine floor plate incorporated. The rifle may have a two-land barrel. Also, some of the Springfield and Rock Island manufactured rifles have been rebarreled and put back together with stamped parts. Ordnance depots ship these rifles without favor, just as they come out of the boxes or off the stock piles. Machined parts of prewar manufacture are for sale if replacement is desired. The word "prewar" will be stricken from the description of the M1903 rifles when another price list is printed.

NRA members who like to "load their own" will be interested to know that .30 caliber cartridge primers Number 26 and .45 caliber cartridge primers Number 27 are now available for shipment from Frankford Arsenal. These corrosive-type primers are packed in cartons of 250, with a limit of 1,000 of each type primer to each customer. The price is 57 cents for a carton of 250. Specify No. 26 (rifle) primers or No. 27 (pistol) primers when ordering, and limit your order to your own immediate need. This will permit distribution to the maximum number of reloaders, as the supply of primers is limited.

As previously announced, the present suspension of DCM sales applies to rifles only. Members' purchase requests for the ammunition, components, and spare parts named in the current DCM price list will be accepted, but the processing of such requests is subject to abnormal delay until the backlog of orders is cleaned up.

Watch the RIFLEMAN for future DCM reports regarding new developments, and avoid unnecessary correspondence so the DCM can keep the maximum number of its limited personnel on the important processing job. ◆ ◆ ◆

"LITTLE EVA"

By H. V. ALLEN, JR.

HOW A "LONG-BARREL" MAN BECAME ENDEARED OF A .30-30. THE SEVENTH OF THE RIFLEMAN SERIES ON POPULAR AMERICAN CARTRIDGES

THINGS WEREN'T SO good back in the '30's if you remember. In fact, quite a few of us were doing without a lot of things that we had formerly taken for granted while the "old man" was paying the bill. Me? I didn't have a rifle, and a country boy without a gun is just about like a cossack without a horse, or a woman without a soul. It wasn't so bad the first couple of years because those Arizona white-tails in the southern part of the state aren't much bigger than a good-sized jack rabbit. Anyway I just didn't get the fever to hunt. Then, too, that warm sunshiny autumn weather didn't feel like hunting weather to me, an upstate New Yorker.

My fool's paradise ended abruptly on the day I was transferred to a little town just north of the Magollon Rim, where autumn brings a snappy bite to the air—and the ears—and winter brings snow tail-deep to a tall Indian. That country brought me back to my senses with a painful realization that I didn't have a rifle. Hunting season was just around the corner and, believe me gentlemen, I knew of one pot that lacked the proverbial two chickens.

There you have most of the necessary background for a story that deals with, not the woes of mankind as you may have been led to believe, but five of the best years of my shooting life. To put it bluntly, five years with Little Eva.

As I said, hunting season was coming on, and that wasn't good in my gunless condition. But there is a kindly angel who looks after hunters, and one day she drew my number.

Dolph was rummaging through an old foot locker, in search of some elusive article he had "filed" there, when I noticed what appeared to be the muzzle of a rifle peeping through the chaos. Did I say noticed? That thing was looking me square in the eye. I sidetracked a respectful distance, but quick, and half jokingly (the other half was a sob) said, "Dolph, there's the gun I kill my deer with this fall."

He held up an old .30-30 Winchester Model 94, and when I say old I mean exactly that. The bluing was worn off from God only knows how many miles in a saddle boot; the front sight had a slight hook off toward Jones' barn; one screw was gone from the tang, and the stock—Oh, Lord, the stock! The action sounded like a box-car with two flat wheels. That gun looked just plain tired. I couldn't quite bring myself to call it a rifle for, by instinct and training, I am strictly a "long-barrel" man. They aren't rifles to me unless there's at least twenty-four inches between the breech and the muzzle crown. Under that, they're "guns." But I was desperate enough by that time to have even considered using a blow-gun with poisoned darts. I swallowed and asked, "How much?"

"Ten bucks."

Well, I did have ten bucks; I didn't have a gun; I wanted to hunt. I kept twisting my mental arm and finally capitulated by saying, "If you'll fire a couple of shots just to prove that the bullets go out the right end, I'll take it."

I wasn't just kidding either, for that gun had led a rugged life and showed it. Dolph laughed, and dug around in the locker until he found the remnants of a box of cartridges, and we repaired to the back yard.

Now don't get me wrong. There's a noticeable difference in size between back yards in New York and the same article in Arizona. Dolph's back yard consisted of some few thousand acres.

He cut down on a little white rock at about 150: the first shot was close; the next was even better. I couldn't stand it any longer and, wiping the drool from my chin, screamed, "Gimme that thing!" Pumping a shell into the chamber felt like money in the bank and I loved it when the comb on the stock handed me a nasty left hook to the jawbone. There was just a little puff of white dust where that chunk of limestone had been. I had bought a gun. The remains of the box of shells came along with the gun, and there were exactly eight in the box. Gentlemen, I know, 'cause I counted 'em many times.

Deer season opened, but only after the bore of my new possession had been scrubbed out about ninety-leven times (it needed it, too), and I had fired three of my precious eight cartridges convincing myself that that bent front sight belonged bent to offset an immovable rear sight. The first morning found me bucking a gale of wind in which one could expect to find only fools abroad. My better judgment told me to go home and forget it until things quieted down, but I'm stubborn. Besides, my wife had told me to be sure and "get one."

That particular area was all new to me, and it looked like the deck was stacked—until my Guiding Angel took me gently but firmly by the nose and led me to a quiet little cove on the lee side of the rockiest ridge you ever saw. He came out of a bunch of pine poles. He ran just as though he knew all about deer hunters and guns and stuff. I had him dead to rights until the gun slammed back, at which point a nice juicy Ponderosa pine tree floated across the sights. Brother, did the bark fly—and did that buck "put all four boilers on the line and proceed at flank speed."

I don't remember pumping in a fresh shell, but I do remember thinking "I gotta pinch down tight, and I gotta work fast!" I also remember thinking, "This is a hell of a way to shoot a deer." At that particular point the only visible target was a white rump. One more jump and he could thumb his nose or waggle his tail or do whatever buck deer are supposed to do when they've pulled a fast one. I got another jolt in the kisser just about then, and Mr. Buck never made that jump. He just sprawled. I ran the seventy-five yards to where he lay in nothing flat, because there are better places to tag a deer than smack on the rump. I could have saved my breath; he was dead as a hammer. Shock? Maybe. I don't know. He wasn't torn up much; the bullet was just off center and about three inches under the spine. It ranged forward, left a nice hole in the hip bone, and I never found any fragments or traces of it from there on. Right there Little Eva was christened. I took off my hat, scratched my head, and did a little thinking out loud, "You're too stubby and ugly looking to be called a rifle, but after that I guess you're entitled to a name, so from here on out you, my friend, are Little Eva."

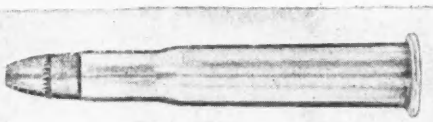
"You're too small to be a rifle, so from here on out you're Little Eva"

Dolph helped me get the deer out of there, and although he did a lot of squawking, he was pleased, too, as evidenced by his insisting that I had "beat him out of the best shootin' little 'thirty' on the mountain."

That left me with three of my precious 180-grain soft points with plenty of nose exposed—hardly the ticket to shoot turkeys with. It also left me a pretty strong arguing point with the "little woman," so I broke down and invested a buck two-bits for a box of shells with more jacket and less nose.

I don't know what little Eva's past history had been, but from then on she led a very active life indeed. She bounced and jolted countless miles in pickup trucks; she got tangled up with a "broomie" (wild horse) hunt one spring and put in her thirty miles a day in a saddle boot over rocks and through the snow. During the off-season she made good coyotes out of live ones. And then she met her bear.

It was dry that fall, and the walking was very much on the noisy side. I was working long hours outdoors and was tired most of the time, but when I got a chance to hunt on Saturday afternoon I took it instead of curling up on my bunk and trying to catch forty winks. I decided to try an area that had



Probably the most widely known sporting cartridge ever manufactured is the Winchester .30-30, introduced in 1894. It is even more famous than the Winchester Model 1894 lever-action repeating rifle for which the cartridge was designed.

The popularity of the .30-30 grew rapidly from the start. The reason for this acclaim was the fact that it ushered in the era of the high powered game cartridge. It was the first widely used game cartridge to be loaded with smokeless powder. Winchester did, however, load a few of the first .30-30's with black powder.

The .30-30, soon after its introduction, was used to take large as well as small game on the American continent. But it is not a large game cartridge, as has been proved, and has gradually been replaced by more powerful cartridges.

The .30-30 is still the choice of a large percentage of deer hunters. However, it is generally conceded that the cartridge is not powerful enough for any larger game. Some authorities feel that it is light for deer but tolerate it, when loaded with the 170-grain expanding bullet, for shots up to 150 yards.

Rifles still being chambered for the .30-30 cartridge are the Winchester Model 1894 Carbine, the Marlin 36A, the Marlin 36 Carbine, the Savage 325, and the Winchester Model 64.

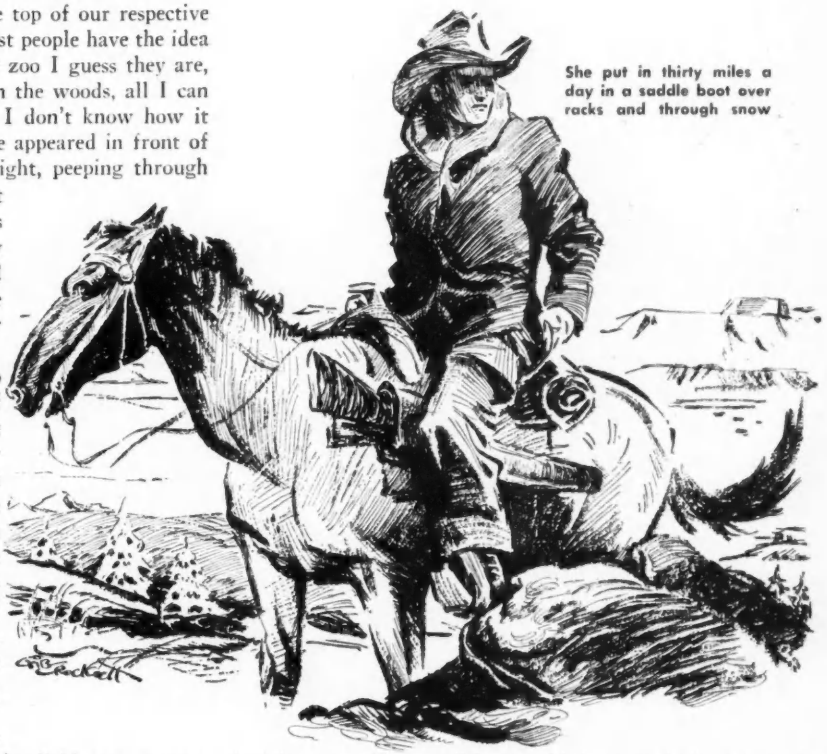
been logged over a couple years previously. There were supposed to be some old gran' pappy deer in there, but I sure couldn't find them. Every time I tried to work a good looking spot, sooner or later those big feet of mine would get misplaced and smash up some of that old logging slash with the appropriate sound effects. Along about 4:00 p.m. I decided it was too much of an uphill battle and besides, my car was way down in the bottom of Cottonwood Canyon. If I wanted to get to it before dark, I had better turn back. But like all hunters, I thought there was "just time to work the head of one more draw."

I eased up out of the canyon and very cautiously crossed the ridge into the next canyon to the west, and was I surprised! That made two of us. Mr. Bear apparently had performed a similar maneuver, only his was executed to the east. We took a good look at each other from the top of our respective ridges, and then he whirled to run. Most people have the idea that a bear is slow and clumsy. In the zoo I guess they are, but judging from the few I have seen in the woods, all I can say is, 'Mister, don't you believe it!" I don't know how it happened but as that bear whirled, there appeared in front of my right eye Little Eva's blade front sight, peeping through that fifty-acre notch. Even in that short time I realized that it was farther across that draw to the other ridge than any .30-30 was ever designed for, so I held a generous portion of front sight above the bottom of the notch and touched 'er off.

Then I got my second surprise. So did Bruin. If there had been a swarm of bees around just then, they could have hived nicely in my mouth, with plenty of spare room for honey storage. Bruin was down and was letting out with the kind of noises that I later associated with irritated Navy admirals. I couldn't see him in all that slash, but I could certainly hear him and see the brush and poles undergoing a severe demolition test. Still slack-jawed I started across the draw slowly, very slowly indeed, spurring myself on with the old "pep talk" which goes something like this. "Let us not be hasty about this, old man, or you're liable to get your impacted wisdom tooth removed without benefit of a dentist." When I still had about fifty yards to go to where all hell was still erupting, I heard him run down the ridge but couldn't see him from my location. I hurried then to where he first piled up, and that wasn't hard to find, but from there on out—no blood, no tracks, no hair, no nothin'! I searched along the ridge, cussing myself all the time as seven kinds of a fool for ever trying a shot at that range with a .30-30 carbine. When dark came, I gave it up and returned to my car and thence home. One of the men next door volunteered to go with me next morning and try to find Bruin. I knew he was hard hit, and I wanted to locate him.

Up until then I had never had any big game get away from me after being crippled and I didn't want to start, so we made a date for bright and early in the morning. I was "batching" at the time and, like I said, pretty tired from long hours. I overslept, so it was bright but not so early when we finally got started. We managed to work the car up pretty close to "bear run" and then walked in the rest of the way. We separated and worked that country with a fine-toothed comb, but finally I decided it was no use and went back to where I had shot the bear, to wait for Homer. I felt pretty lousy about the whole thing, and was doing a little high-powered thinking along the lines of not trying long shots in the future when I heard Homer. He was only about fifty yards away when I heard a worried "Oh!" followed by a crash and some really artistic profanity. Then I yelled, and he answered.

"Here's your blankety-blank blankety-blank bear!" Boy, I got down there in exactly nothing flat, and sure enough there was my bear. Homer was sitting on the ground rubbing his elbow and eyeing Bruin with extreme distaste. It seems he hadn't seen a thing until he stumbled across the bear in a pine thicket and fell headlong into some slash. I could truly sympathize with him. I imagine it tends to make one uneasy to fall across a bear—not knowing for sure that he is absolutely dead. He was dead, and the reason I hadn't found him was that he hadn't gone nearly as far as I thought he had. I had been searching too far away. The bullet had gone between two ribs and just under the spine about half way back on his chest, cutting the big artery located there. He had bled to death very quickly, but all internally—hence no blood on the ground. I'm not going to tell you the range of that shot, because you would call me a doggone liar.



She put in thirty miles a day in a saddle boot over rocks and through snow

Yes, Little Eva and I had our good times and our bad ones. She never balked, jammed, misfired, or in any way refused to carry her end of the responsibility. Any time I grabbed her and shoveled in the fodder, she just let out her usual squawl, reared back, and busted me square in the chops, but I guess it was worse on the other end 'cause we usually brought home the bacon. I accepted my lumps cheerfully, and charged it up to perverse female nature. The truth was: I'm kinda

long and lanky and Eva was short and stubby, especially the stock. Consequently, every time I fired there were portions of anatomy left over which just got in Eva's way. She never failed to insist on her fair share of recoil area.

Well, the years rolled by as Eva and I jounced and jarred along until out of nowhere came Pearl Harbor. As I was a married man and engaged in essential war work, I had to stick around for awhile, but in due course I sneaked off and joined the Navy. I expected to leave right away, but the Navy works in mysterious ways, and before I knew it another hunting season had rolled around. Eva bowled over her usual two turkeys without a hitch, but we couldn't locate a deer for her that time. I suddenly decided that as long as I had lived in Arizona and never hunted elk, it was time I changed all that. A few days prior to elk season, I dispatched a request posthaste to the Game Commission for an elk permit (unlimited in those days), explaining my uncertain residency, and appealing for a little speed so that I could hunt on the opening day. I shall always have a soft spot in my heart for the Arizona Game Commission, for my permit came through on the day prior to the opening of the season.

Gentlemen, I could drag this out indefinitely, but all you need to know is that I located my elk within two hours after the season opened (I'd been cruising timber in that area until I knew every elk by name), and Eva and I went to work at about sixty yards. At the shot, the herd stampeded, but the biggest old bull in the bunch wasn't making off too well. Eva busted him, and me, again but he kept going. I sat down and forced myself to stay there twenty minutes. There is no use pushing a wounded elk. Let him cool down. If he's not pushed he'll stop and lie down when his wound bothers him a little. At the end of the twenty minutes we started out on his trail, which wasn't difficult to follow. I had to use every bit of will power to keep from hurrying but after a while we came on him in a little clearing. Believe me, that bull was a tough customer—by far the toughest Little Eva had tangled with since I owned her. Eva boomed and a cloud of dust flew off that old boy's hide just back of the shoulder. He ran. Eva bawled again and another cloud of dust flew at about the same spot. He turned to charge and that time Eva dropped him, but he wouldn't stay down. He was struggling to his feet when I took a deep breath, let part of it out, held everything, pinched the front sight down to a pinpoint, and shot him square in the forehead. That did it. All the time this was going on a certain gentleman, by name John, was literally leaping up and down and screaming "Shoot! Shoot! Hell's Fire! You can shoot better than that! I know you can! I know you can!" He had come along as an observer since he was a resident of New Mexico and couldn't hunt in Arizona without a nonresident's license. To this day, John claims that from the first shot to the last, I used the vilest language he has ever heard in his life, without repeating myself once. I dunno. I certainly don't recollect that angle at all.

We finally got that monster loaded on my car with the help of a hunting party that I flagged down out on the road (if you could call it that) and headed for home. We stopped in Heber for gas and who should be parked there at the store but Dolph. He looked at the elk; he looked at me, got out of his car, came over and picked Little Eva off the seat. "You're the worst damn predator that ever hit this part of the country!" he said as he handed over a ten spot.

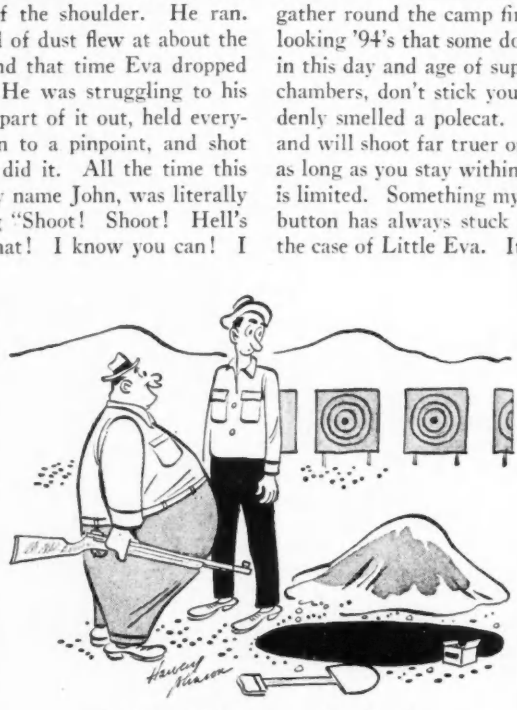
We made a gentleman's agreement. He kept the gun; I kept the ten spot. When I came back from the Navy, if I still wanted Little Eva, I could hand Dolph the tenner; he would hand me the gun. Dolph really liked that little gun. So did I. But as I said once before I'm strictly a "long-barrel" man myself, and I'm shooting a Springfield .30-'06 sporter these days. Dolph came by one day after I returned and he had Little Eva with him. He was ready to trade as per agreement, and I wanted Eva, but one look at Dolph's face and I didn't have the heart to do it. So as far as I know, he still has her.

Looking back at Little Eva's record for that five-year period, I find it goes as follows: Three deer, one bear, eight turkeys, one elk, the Lord only knows how many coyotes, and some broomies. Every animal shot at was killed, and no cripples escaped. I frankly admit it took several shots to do the job on a couple of occasions and I frankly admit missing turkeys on various occasions, but all in all it adds up to something that I am far from ashamed of.

For some few years prior to and ever since the war, I have been reading articles in the various sporting magazines to the effect that the .30-30 is obsolete, lacks killing power, range, velocity, accuracy, has too high a trajectory—in the common parlance of the streets it is just "no damned good." Gentlemen, all I can say (strictly a personal opinion again) is, "Don't you believe it!" There's a lot more to the successful killing of game than stepping into your favorite sporting goods store and, after parting with two or three hundred skins of filthy lucre, stepping out with the latest in rip-snorting, flat-shooting, long-range, high-speed pompoms. Sure, I like 'em—I wish I had the time and money to see and own a lot more of them.

I am not defending the .30-30, gentlemen, for the gun needs no defense. Let it stand on its record. The next time you gather round the camp fire and notice one of those little ugly-looking '94's that some dope hasn't any better sense than to use in this day and age of super-duper hand-controlled combustion chambers, don't stick your nose in the air as though you suddenly smelled a polecat. The chances are that little gun can and will shoot far truer on a running deer than you can hold it as long as you stay within its effective range, which admittedly is limited. Something my Dad told me when I was just a wee button has always stuck in my mind and seems applicable in the case of Little Eva. It was: "Trust in God, but keep your powder dry, son. Beware of the man with only one gun, for he knows its capabilities and limitations, and in knowing them he has reduced those limitations and increased those capabilities."

If someday on your travels you should see an especially ugly and very tired looking .30-30 carbine, with the bluing worn off, with a front sight that leans slightly toward Joneses, and with a stock you are certain has been used to drive fence posts, give it a friendly pat for me. It might be Little Eva, the "best-shootin' little 'thirty' on the mountain." She certainly put two chickens in my pot. ◆ ◆ ◆



OK, I'm ready for my prone target now!

BACKWOODS GUNSMITHING

By HAROLD E. MacFARLAND

THE AMATEUR EXPERIMENTER and home gunsmith has no dearth of fine articles and good books to serve as a guide while he transforms yesterday's rifles into those of tomorrow. The sad part about this otherwise good literature is that the usual recipe calls for one piece of 2035 or 1030 steel, to be milled out in a milling machine, welded thus and so, and subsequently turned to such and such a shape in a lathe. Setting up is to be done with a micrometer dial indicator and final heat treatment in a pyrometer-controlled electric furnace. This works out nicely if papa was a millionaire and gave you a machine shop to play with, or you work in a large industrial plant and the boss doesn't watch closely.

I contend that if the average man had enough money to do these jobs as they should be done, he wouldn't do them at all. He would hire a gunsmith to worry about them for him. I have always admired Clyde Baker. Whenever possible, he started out with a piece of scrap steel and achieved his results with a file. He must have learned the hard way.

Repairing Broken Firing Pins—Nine firing pins out of ten have a nice concentric shape, so to make one take a piece of drill rod and turn it to shape in a lathe. However, suppose the lathe is as busted as my bank account and drill rod is as scarce as sugar in wartime. If just the tip of the old pin is snapped off, as it usually is, and there is enough stock in the body of the pin, it is easily fixed.

Drill and tap the end of the firing pin along its axis, and set in a screw. It can then be shaped with a file or grinder. I favor the use of a 6-48 screw to hold the pin. The 48 thread is fine enough to stay put. I tap the hole with a Whitworth thread and force in a V-thread screw. This never loosens. Another way is to drill a hole a few thousandths of an inch under size and drive in a pin. Then drill a tiny hole crosswise in the firing pin and cross-pin the tip so it can't fall out.

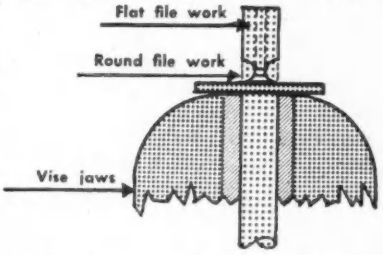
Even on pins like in the old '93 Marlin, which are short on body stock, you can set a pin tip in a loose hole and flow around it with silver solder. Silver solder is a bit scarce now, but they can't bluff me on that. Silver money is of about the same alloy as silver solder. It seems there is a Federal law against the mutilation of currency so use a Canadian dime. If you live in the Southwest, take a 50 centavo piece. Guys in the middle states will have to worry along as best they can. With a sharp pair of tin snips, spiral around the afore-mentioned silver money and the result will be a long wire of fine silver solder. Silver flows like water at a low heat, using borax for a flux. It is easily handled and penetrates hairline cracks.

Making New Firing Pins—But suppose the old firing pin can't be repaired in this way and we must make a new one. First find a suitable piece of steel. Some of the finest is in the cleaning rods on certain military rifles. The Russian, for one, uses drill rod. It is hardened and will have to be annealed before it can be worked. The better automobile tire pumps usually have actuating rods made of excellent steel.

The good screw drivers which a gun mechanic needs can be forged from drill rod or tool steel and the temper drawn at a deep purple. The edges should be ground to shape

On a low pressure gun, the stems of automobile valves can be used in a pinch. Also, on the low-pressure gun, you can use the lowly and despised nail. Nails for firing pins have been the object of considerable ridicule and contempt, and many accidents have been traced to them. It ceases to be funny when a firing pin pops out of a gun and lodges in a shooter's eye, but at least 99 and 44/100 percent of these cases can be traced to the fit and workmanship of the pin, rather than to the material. The fellow who makes firing pins out of nails is quite frequently a sloppy Joe in the first place.

The slim nose section of the new pin is the hardest part to form with a file. Clamp the stock vertically in the vise and let about one-eighth inch more than necessary for the nose protrude above the jaws. Drop a washer over this protrusion and get busy with a file. If the original pin had a square shoulder, use the edge of a flat file. If working to a radius such as most of them have, use a round file of proper radius. Keep the file tight on the washer and go 'round and around. The washer will hold the file to a constant level, making a smooth job on the pin, at the same time saving the vise jaws for the next pin. This preliminary filing will cut a concentric groove around the stock. When it is down to depth, drop on a second washer and finish the point with the side of a flat file, proceeding in the same fashion.



By clamping a new firing pin in vice jaws, the slim nose section can easily be filed to shape

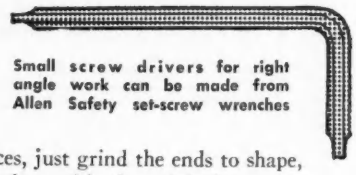
Any flats on the side of the pin are cut by clamping the stock sideways in the vise jaws, with only the depth of steel to be removed protruding above the jaws. Cut this down with a flat file. A notch for the locking pin is cut in the same way with a small round file. When everything else fits, cut the pin to length on both ends and finish the nose to shape. It should usually be hemispherical but never sharp. If you are equipped to harden the pin, quench it in water at cherry red and draw the temper at a blue or purple. It is safer to err on the side of softness because a pin that is too hard may shatter and blow out in case of a pierced primer.

A Homemade Screw Driver—A gun mechanic always needs screw drivers, and it is nearly impossible to buy good ones. They just don't have good material in them, and a screw driver that doesn't fit a screw slot exactly is not good anyway. It will spoil a screw head every time.

But work the standard screw drivers over. Buy the best ones you can get. Remove and take good care of the handle ferrule. They are hard to make. Throw the old handle away and make a new one of good maple or hickory, fluting the sides deeply with a short-radius curved chisel (gouge to you carpenters). Finish out the flutes with a round file and fit on the original ferrule. Then drill a longitudinal hole a little smaller than the blade is to be. Discard the original blade as it is usually soft. Forge out a new one from drill rod or tool

steel and harden, drawing the temper at a purple. You can forge it with the flame of a blow torch, using a chunk of iron for an anvil. File or grind the edges to shape but don't touch the flat faces. Leave them rough forged; a polished screw driver bit will slip. Flatten the rear end of the bit slightly, so it will grip the new handle and drive it in place.

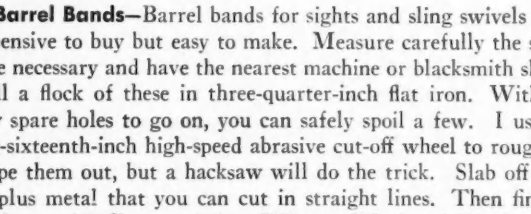
Allen Safety set-screw wrenches make excellent short screw drivers. For small work, more especially for right-angle work in tight places, just grind the ends to shape, taking care not to interfere with the original temper.



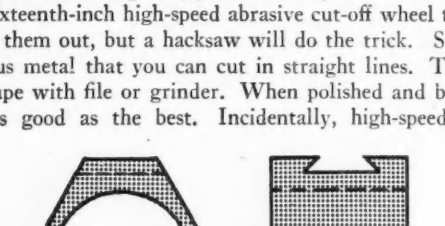
Small screw drivers for right angle work can be made from Allen Safety set-screw wrenches

One of the nicest screw drivers I ever made was from a large size set-screw wrench. I forged the end to shape and tempered it, then set the bit in an old shaving brush handle. This handle was made of the same yellow plastic commonly found on many of the newer tools. To work this stuff, I drilled an undersize hole for the bit. Then the handle was placed in water close to the boiling point until the material softened. The bit could then be easily forced into the handle. When allowed to cool, the handle was on to stay.

Barrel Bands—Barrel bands for sights and sling swivels are expensive to buy but easy to make. Measure carefully the size hole necessary and have the nearest machine or blacksmith shop drill a flock of these in three-quarter-inch flat iron. With a few spare holes to go on, you can safely spoil a few. I use a one-sixteenth-inch high-speed abrasive cut-off wheel to roughly shape them out, but a hacksaw will do the trick. Slab off all surplus metal that you can cut in straight lines. Then finish to shape with file or grinder. When polished and blued, they are as good as the best. Incidentally, high-speed hacksaw



Barrel bands for sights and sling swivels can be cut from three-quarter-inch flat iron, then shaped roughly by slabbing off excess metal in the manner illustrated at right



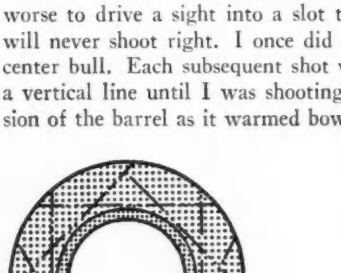
blades have a little higher initial cost but they are the cheapest in the end.

Sight Ramps—Sight ramps are a little harder to make because you have to keep everything straight. Key stock is ideal for them but you can shape them out of flat mild steel with a hacksaw. Groove the barrel side of the ramp with a round file, cutting to a radius smaller than the barrel so that the edges will fit tightly. This groove must be cut straight or the ramp will sit cockeyed on the barrel. Matt the face of the ramp with a center punch to cut light reflection. Slotting a ramp for a blade sight is a milling machine operation, so dovetail the sight in. Marble's Nos. 52 and 57 are two heights of short-base sights that look well on a ramp.

To cut this dovetail, first scribe the outline on the ramp. Then make a row of parallel hacksaw cuts within the outline, nearly to the required depth. Space these as closely as possible. Then lay the hacksaw on its side to cut out the ribbons of steel that remain. Use a five-inch slim bandsaw file to finish the slot to size and shape. This file has no taper, so it is easier to work out a true slot with it. Grind one side smooth so you have a safe side. This sharpens the angles at the same time so you can get back in the corners. Cut the slot to a light push fit for the sight.

Then, starting in the forward angle of the slot, drill a No. 31 wire gauge hole through the ramp to the forward face. Tap this for a 6-48 set screw. The ramp will be soldered to the barrel so lock the sight in with the set screw instead of driving it into place and knocking the ramp off. A soft soldered ramp will stand any ordinary punishment and never loosen if it is put on right. Now drill a vertical hole through the ramp in the center of the dovetail slot. Clamp the ramp in the proper place on the barrel and continue this hole one-sixteenth inch into the barrel. Better use a depth stop on a drill press for this hole as it wouldn't do to go too deep. Push a tight-fitting pin through this hole in the ramp and allow it to protrude one-sixteenth inch on the underside. This is the line-up pin which will be needed in sweating the ramp in place. Tin the underside of the ramp and the surface of the barrel where it is to go, using good 50-50 solder. Clamp the ramp in place and apply the blow torch. When the solder melts, the clamp can be tightened slightly. Then allow the barrel to cool.

I would never dovetail a high-powered rifle barrel, but barrels of the .30-30 class and smaller may be slotted in the same way as the ramp. Leave the slot a light drive fit. If it is at all loose, the sight will bump out of place, but it is worse to drive a sight into a slot that is too tight. The gun will never shoot right. I once did this. The first shot was a center bull. Each subsequent shot walked down the target in a vertical line until I was shooting into the ground. Expansion of the barrel as it warmed bowed it down. The slot was then freed slightly and the rifle shot very well.

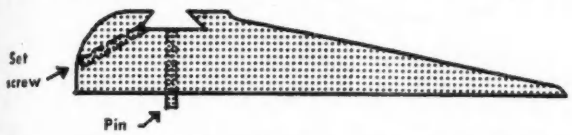


Assembling Heavy Coil Mainsprings—Have you ever attempted to assemble a shotgun that used a heavy coil mainspring? Like as not, just as you had that spring compressed almost enough to drop into place, it got away from you and banged a hole right through the little lady's pet chandelier. If you found all the other little pieces that went along with it, you were lucky.

On some of these guns the manufacturers were thoughtful enough to provide an easy method of assembly. Near the tail of the spring guide rod is apt to be a small hole. Just drop the spring on the guide rod as far as it will go uncompressed. Then stick a small nail between the coils and through this hole. Grasp the hammer end of the guide rod in the vise and revolve the spring on the rod with a pair of pliers. Turned

the right way, the spring will soon all be compressed behind the nail. Drop the assembly into place and pull the nail. If there isn't any hole in the rod, it is easy to make one.

Welding and Brazing—There are countless times in the home shop when a bit of welding or brazing would save hours of work. If serious heavy welding is to be done on a gun, set up the work in a jig with all parts heavily clamped in line and go to the best professional welder you can find. Welders are a dime a dozen but now and then you find a torch artist who can weld guns. Unless you are a top hand with a torch, it is foolish to attempt it at home. However, there are always



Sight ramps can be made from key stock. Pin holds ramp in line while soldering in place. A set screw through a sight ramp is used to lock the sight in place

those little jobs where exceptional strength isn't required, and the pestiferous jobs that the big shop won't be bothered with. You probably don't have a welding outfit to deal with them and the expense of maintaining one isn't justified unless you do a lot of welding.

There is a cheap little outfit though that will extricate a fellow from many difficulties. You can buy a so-called Prestolite brazing torch from mail-order houses for somewhere between five and ten dollars. Search around the auto wrecking yards or go down to Uncle Isaac's at the sign of the three balls to find a Prestolite tank. In my neck of the woods, at least, you can trade these in for a charged exchange tank at a cost of three dollars and fifteen cents. They last a long time.

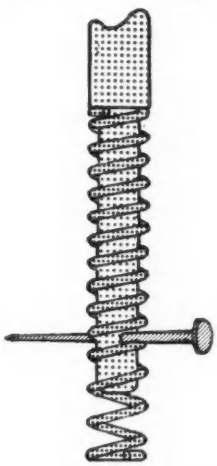
These little outfits are supposed to braze, but don't depend on them to do it. Just the same, they are indispensable. They don't furnish enough heat for work on a large piece of metal, but for flowing a gold bead on a military sight blade, replacing a broken hook on a Mauser extractor, joining the broken tangs on a '94 Winchester, and a myriad of other similar spots, they work perfectly.

I don't like the conventional Tobin Bronze brazing rod for use on guns. It doesn't flow freely enough. The material known as EZ Flow is more expensive but flows freely at lower heat and works fine. It is half silver and very strong. EZ Flow will work with a borax flux but is at its best with a special flux made for it. This flux, which I believe to be a cyanide preparation, is highly poisonous so be careful with it. Better yet is the silver solder mentioned in the first part of this article. It will flow through a hairline crack so it isn't necessary to scarf out for it like in all other brazing and welding. It is strong enough to withstand the punishment of a bandsaw joint where it has very little purchase.

I remember one time in particular when the little torch saved the day. I encountered a broken sear in the old Model 10 bottom-ejection Remington shotgun. Anyone who has seen this part knows what it is. It looks about like the track left by a GI taking evasive action when six machine guns opened on him at the same time. I wouldn't make one of these sears for what the gun is worth. Therefore, I put a clamp on the abbreviated tail of the sear and anchored the clamp in the side of my bench vise. Then another clamp was put on the major portion of the sear, which was grasped in the jaws of a movable vise that is weighted and free to slide over the bench. The whole Goldbergian assembly was then teetered, tilted, and slid until the two broken parts were aligned perfectly. It was only a minute's work to apply the Prestolite torch and a bit of silver solder to the break, and I had a perfect repair.

Damaskeening—Damaskeening is a finish frequently seen on the bright parts of custom-made guns and on the inside of bank vault doors. You may know it as engine-turning or, as some of my customers call it, spot polishing. It was invented by a lazy man who didn't want to polish those last little imperfections on bright steel and discovered he could camouflage them. It gives that professional touch to an otherwise very average bluing or rebuilding job. It is usually done by spinning a special lap on a coating of oil and emery. I am lazier than most so I invented an even easier way of getting this effect.

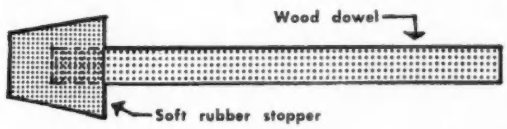
Take a small, soft, live rubber stopper and bore a longitudinal hole halfway through it, starting at the large end. These stoppers are procurable from a druggist or chemical laboratory. Boring this hole isn't easy. Sharpen a thin metal steel or brass tube on one end to use for a bit. Lubricate it with soap lather or liquid soap and it can be twisted into the rubber. This will cut a plug from the rubber but it will be anchored at the inner end. Grasp the rubber plug with a pair of pliers and stretch it out as far as it will come. Then, using a knife, cut it off flush with the stopper. Stick a short length of wooden dowel into the hole in the stopper for a shank. Next, use a .30 to .40 caliber wadcutter or hollow punch to cut a lot of discs from very fine emery cloth. Coat these on the reverse side with automobile weather strip cement, allowing the cement to dry perhaps thirty minutes. They will stick tightly to the end of the rubber stopper when pressed on.



Heavy recoil mainsprings can be compressed by turning with pliers if a nail is placed through the hole in spring guide rods

In putting a damaskeen finish on a rifle bolt, buff it to a reasonably bright finish first. Then chuck the wooden shank of the lap we just made in the drill press. With the press spinning, bring the abrasive disc down on the bolt. With a few revolutions, it will make a bright spot. Move the bolt half the width of the bright spot and repeat the operation. I run these spots in lengthwise rows on the bolt until the entire bolt is covered, lapping each row half over the preceding one. This finish looks especially good on the Enfield extractor or breech block of a '99 Savage.

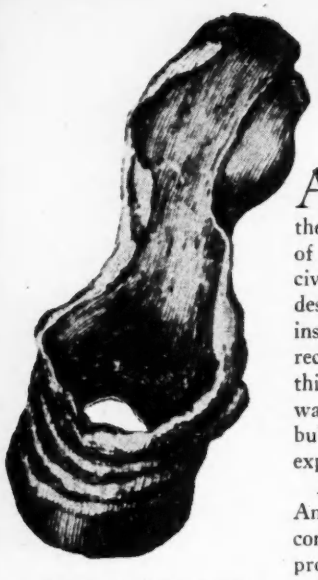
I like this system because it will work on a curved surface while the usual hard lap can be used only on flat surfaces. The abrasive discs used in this operation will last for only a few spots but they can be pulled off and another stuck on. Also, you can see what you are doing while the work progresses whereas, with the oil and emery lap, you can't examine the work until it is finished and the oily paste removed. ◆ ◆ ◆



A soft rubber stopper to which pieces of abrasive cloth can be pasted, fitted on a wooden rod and clamped in a drill press, makes an excellent tool for polishing curved metal parts

EXPLOSIVE BULLETS

By HAROLD L. PETERSON



Spent explosive bullet of the type used in the Civil War

ALMOST EVERY major military conflict produces a weapon, the barbarous and destructive nature of which arouses the horror of the civilized world and leads to action designed to curb the use of such an instrument in future wars. Most recently the atom bomb has attracted this attention. In World War I it was poison gas and the soft-nosed bullet. In the Civil War it was the explosive rifle ball or "musket shell."

As far as can be determined, the American Civil War was the only conflict of any size in which these projectiles were used, and prompt action was taken by the principal nations of Europe to prevent their use in European struggles.

The balls which caused these deliberations may be divided into two distinct categories: Those set off by a fuse ignited by the charge in the barrel, and those exploding upon contact.

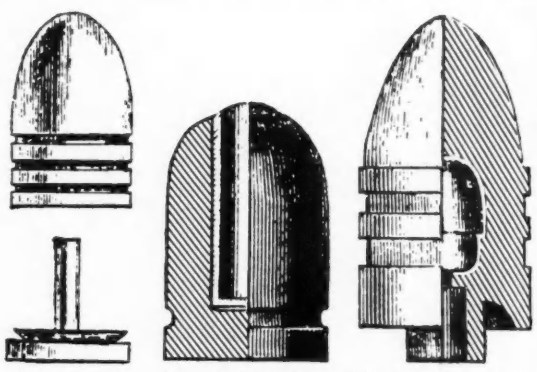
The fuse type is exemplified by "Gardner's Explosive Bullet or Musket Shell." Thirty-three thousand, three hundred and fifty of these were issued to Union troops early in the war. Of this number, ten thousand were abandoned on the field for want of transportation and fell into the hands of the Confederates. Externally, the Gardner bullet closely resembled the regular conoidal Minié ball except that a short tube projected from the base. Internally, there was an acorn-shaped chamber filled with fulminate communicating with a one and one-quarter second time fuse which passed through the tube and was ignited by the discharge of the piece. These projectiles were cast of lead in two sizes: .58 caliber, weighing 451 grains; and .54 caliber, weighing 363 grains.

These explosive missiles were used extensively from 1862 to 1864. The *Medical and Surgical History of the War of the Rebellion* lists 130 cases in which wounds were attributed to them. The first of these were recorded during the Peninsular Campaign, the last during Sherman's march through Georgia and Grant's advance on Richmond. General James H. Lane, C.S.A., complained that the Federal forces used them in great quantity at Ox Hill. Grant mentioned their use by the Confederates at Vicksburg.

Wounds inflicted by explosive bullets were much more disagreeable and dangerous than those from ordinary Minié balls. A report by doctors with the Union Army states: "The extent of the damage from explosive missiles is greater than that ordinarily caused by the simple projectile; bony structures are more extensively shattered and the area of destruction in soft parts is larger; hemorrhage, both primary and secondary, is more common; extensive sloughing follows, and the course of repair is slow and tedious." (*Medical and Surgical History*, Part III, Vol. II, p. 702.) Even if the balls exploded before contact, as often happened with the Gardner shells, they were transformed into twisted and jagged projectiles with great lacerating powers.

Musket shells exploded by percussion were reportedly used in the Civil War, also, but no authenticated specimens have been found and there are no patents for such devices. Many museums and collectors mistakenly display a conoidal bullet which they maintain was exploded by contact. It contains a cylindrical cavity in the base, into which is inserted a close-fitting rod with a head the same diameter as the bullet. Fitted around the rod where it joins the head is a thin saucer-shaped disc of copper, the convex side toward the head. The theory propounded is that when the projectile struck, the momentum would cause the copper disc to flatten and allow the point of the rod to strike a charge of fulminate at the bottom of the cavity. In this they are supported by the historian, Benson J. Lossing, who picked up such a projectile at Gettysburg a few days after the battle and described it as an explosive bullet in his *Civil War in America*. Despite their theories however, this was not the case. The projectile in question was merely a new and ingenious type of expansion bullet patented by Elijah D. Williams of Philadelphia, December 9, 1862. The discharge of the piece flattened the copper disc, causing it to expand and take the rifling.

The one encounter in which American troops definitely did face bullets exploded by percussion occurred somewhat later, after their use had been banned in Europe. During General Nelson A. Miles' attack on Chief Joseph's band of



Three examples of explosive bullets which have figured in American history: the Williams Patented bullet used at Gettysburg; the .35 caliber bullet used by the Nez Percé Indians in 1877; the Gardner bullet used extensively in the Civil War by the Union Army and at Vicksburg by the Confederates

Nez Percés in 1877, his men reported distinctly hearing explosions after bullets had entered their bodies, and the wounds they presented showed severe laceration. Upon the surrender of the Indians, a quantity of .35 caliber metallic center-fire cartridges with explosive slugs were found in their possession. A boring at the head of the bullet contained a copper shell nearly three-quarters of an inch in length and loaded with fulminate. The end of the copper shell projected just far enough to act as a percussion cap and explode the charge when the bullet struck. These shells had been seized by the Indians in a raid on the ranch of a wealthy Englishman who used them in hunting big game.[1] This encounter marked the last use of explosive musket shells in U. S. military history. ◆ ◆ ◆

[1] Explosive balls for hunting were often made from the Winchester express bullet. The .44 caliber slug was cast with a cavity just large enough to receive a .22 caliber cartridge if a small portion of its ball were removed. These were used on antelope and other western game. For a discussion of British explosive balls of large bore, see William W. Greener, *The Gun and Its Development*, London, 1881, pp. 180, 181, 186, 187.

SHOTGUNS are different!

By
RUDY ETCHEN

HERE ARE THE FACTS ABOUT SHOTGUN FIT—FROM ONE OF THE COUNTRY'S FOREMOST SCATTERGUN EXPONENTS

IF A SHOTGUN SHOOTER has a gun that fits him, half of his battle for high scores or a full game bag is over. So many ardent shotgun enthusiasts, as well as the rifle and handgun artists who use shotguns only occasionally, would find that by applying certain rules concerning "gun fit," their shooting would not only become more pleasant but hits would increase.

Here is a story that happens every day. One shooter is six feet five inches tall and weighs 250 pounds. He buys a shotgun. Another shooter is five feet two inches tall and weighs 130 pounds. He goes to the same store and is sold a shotgun that is exactly like the first man's. These two could not buy the same clothes or the same shoes, yet they are sold the same guns. Naturally, one of them at least is going to be misfitted. The gun companies cannot do other than build guns that will fit the greatest number of people.

The time-honored tradition of measuring oneself for the length of stock needed by putting the butt of the shotgun stock in the crook of the elbow and noticing where the trigger finger touches the trigger when gripping the stock is as outdated as the Stanley Steamer. There are short shooters with long arms and tall ones with short arms. Some shotgunners are naturally barrel-chested and others are not. The important thing to watch in getting correct stock length measurements for a shotgun is the position the gunner's head occupies on the stock.

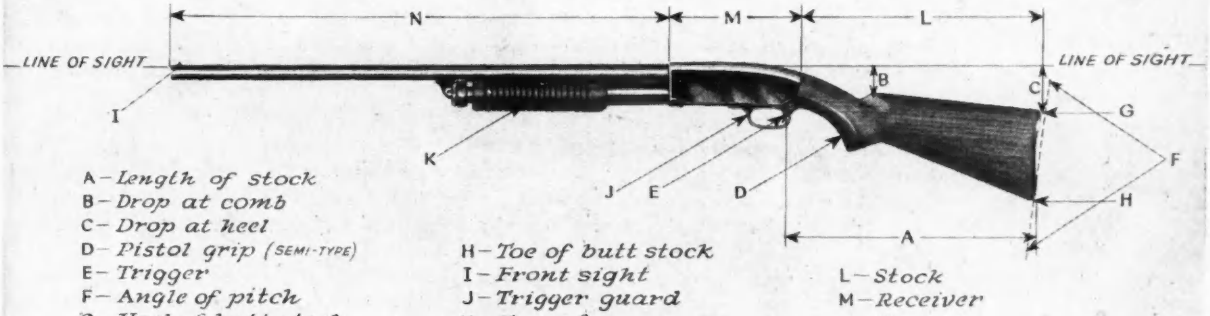
Stock lengths are measured from the center of the buttplate to the front face of the trigger. Arm lengths and general chest measurements affect the head position but are incidental. Important "dimensions" are the length of the shooter's neck, plus his tendency to "turtle" or thrust his head forward on the gun stock. The farther the shooter slides or places his cheek forward on the gun stock, the longer the stock must be. The cardinal rule is to use the shortest stock practicable without getting your nose banged by your thumb or having the stock in an uncomfortable position on your shoulder.

The position in which the shotgunner places the stock on his shoulder greatly regulates his head position. The higher the gun stock is placed on the shoulder, the more erect the head will be. This position is correct because the shooter will then look down the barrel in a normal manner and will not have the tendency to hold his head too far forward.

A good rule, with but few exceptions, is to have the top of the butt level with the top of the shoulder. This will allow the shooter to hold his head in a normal position and thereby reduce the possibilities of "head raising" and severe punishment due to recoil. Another important rule is: Keep the stock well "in" on the shoulder and not out on the arm.

If you have been shooting poorly and getting excessive kick, try this. Shut your eyes, throw the gun to your shoulder, then open your eyes and see where the stock is located. If the top of the butt is level with the top of the shoulder and the stock is on the "chest" part of the shoulder and not out on the ball of the arm above the armpit, you have the correct gun position. If the stock is out on the arm, you are either not shouldering it properly or the stock is too long. Rifle shooters especially have a tendency to place the stock out on the arm.

The way to tell if a stock is too long or if you are at fault in shouldering the gun is comparatively simple. When you



A—*Length of stock*
B—*Drop at comb*
C—*Drop at heel*
D—*Pistol grip* (SEMI-TYPE)
E—*Trigger*
F—*Angle of pitch*
G—*Heel of butt stock*
H—*Toe of butt stock*
I—*Front sight*
J—*Trigger guard*
K—*Forend*
L—*Stock*
M—*Receiver*
N—*Barrel*

move the stock well in and have the heel level with the top of the shoulder, there should be no more than one and one-half inches between the end of your nose and the thumb of your trigger hand. One inch is plenty of clearance but beginners often change their head position a bit, thus requiring another one-half inch tolerance. Any tolerance over that inch and one-half is too much and should be remedied by shortening the stock that much. Any amount less than this tolerance should be added to the length of the stock.

As a general rule, a stock to fit the man of average proportions will run in length from thirteen and three-quarters to fourteen and one-half inches. The shorter lengths will fit the shooter who does not push his head forward on the stock, but places the stock correctly on his shoulder and meets the stock with his cheek at a normal "head erect" attitude. This erect attitude does not mean that the shooter has not placed his head firmly on the comb of the stock, but that he has a firm contact without the unnecessary effort of pushing forward and throwing his head and neck out of a normal, erect position. He is looking down the gun barrel correctly even though his head is more or less erect. The longer lengths will be necessary to fit gunners who shoot with the gun stock shouldered on their arms or who have the bad habit of holding their heads too far forward on the stock. It is necessary for a shooter having a long neck to slightly "turtle" his head and neck forward in order to make good contact with his cheek against the side of the gun stock. However, persons having such a physical build should be careful lest they overdo it.

A firm, solid contact of cheek and comb is necessary for good co-ordination between the eyes and the gun barrel. Also, without a firm contact, many gunners have returned from a clay-pigeon tournament or hunting trip with black-and-blue jaws and a bad case of flinching from excessive punishment due to recoil. A tight hold on the stock with the shooter's cheek will not alone cure recoil punishment but it is of great assistance. A properly fitting gun will usually correct this completely.

Now that the length of the stock and proper placement on the shoulder is covered, the drop of the stock is next in order. This is a controversial issue. Generally, shotgun stocks are too "crooked" or, in other words, have too much drop. "Drop" is the measurement between the line of sight and the heel or comb of the stock. Standard dimensions of shotguns greatly vary in this matter of drop. Comb measurements on standard shotguns run from about one and one-quarter inches minimum to two and one-quarter inches maximum. The heel measurements on standard shotguns usually run from about one and five-eighths to three inches or more. Foreign shotguns usually have greater drop than American guns, and it is frequently necessary to restock them completely to straighten them up.

For a shooter to be correctly fitted as to drop dimensions, it is absolutely necessary to get the proper stock length first. Length and drop are definitely tied together. It is not difficult to tell whether a shotgun has the correct drop. Close both eyes and shoulder the gun in a normal manner. Then open the right eye (left eye in the case of a left-handed shooter, or both eyes if you shoot with both open), and notice where the front sight lines up with the eye or eyes. (Incidentally, shooting a shotgun with both eyes open is more conducive to good scores than with only one eye open. The shooter's coordination and field of vision is practically doubled if he is able to shoot with both eyes open.) Now, with one eye or both eyes open, look down the gun barrel. You should see the front sight slightly over the middle sight. If they do not align properly, the stock does not have the correct drop.

If the gun does not have a middle sight, the front sight should be slightly higher than the top of the receiver or sighting plane that extends along the length of the barrel. A middle sight is a big help in that one can aim with it straight behind and slightly under the front sight when shooting and have perfect alignment. Also, the middle sight will help to reduce the misses caused by cross-firing.

It is a natural tendency to align the middle sight on a shotgun directly behind the front sight, or in the case of only the front sight to align it directly in front of the eye and have it flush along the top of the sighting plane or rib on the barrel. This is incorrect. When a person shoots a gun that fits him in this fashion, a great many of his misses will be due to undershooting the target. This is because it is also a natural tendency to place the target on top of the sights. Unless the barrel is tipped slightly upward to compensate, the shooter fires too low. When shooting at a target without the correct upward pointing of the barrel via the front sight being slightly over the middle sight, the shooter must then "black out" or "blot out" the target by holding over it.

To summarize, stock drop dimensions are right when: (1) the gun shoulders properly; (2) has the correct length of stock; and (3) the front sight automatically aligns itself slightly over the receiver in the case of a shotgun not having a ribbed sighting plane on the barrel.

Rarely, a shotgun turns up that is "too straight" for the shooter. If the front sight when the gun is properly shouldered is cocked too high above the middle sight, the stock needs more drop. "Cocked too high" would mean the middle sight aligning itself under the front sight with a space showing between the two. On a correctly fitting shotgun, the top of the middle sight should touch or almost touch the bottom of the front sight.

If the drop at comb and heel of a shotgun stock can be "straight through," in other words the same at both points, it is of tremendous advantage to the gunner. Otherwise, he is shooting a more crooked gun in the winter with heavy clothes on and a straighter gun in the summer with possibly only a thin shirt on. Practically all shotguns have less drop at the comb than at the heel, thus giving a downward slope toward the heel or butt of the stock. If a shooter's proper dimensions are one and nine-sixteenths-inch drop where his cheek rests on the stock, then the stock might as well have that same dimen-

Rudy Etchen, ex-skeet instructor to Naval air gunner trainees, has an impressive number of accomplishments in national trap and skeet competition on his record. Rudy's first job as a shotgun instructor was assisting his father in the Etchen School of Shooting at fourteen years of age.

In addition to many state and regional wins, Etchen's national skeet and trap honors are as follows:

1936—Winner National Sub-Junior Championship, 96x100
1937—Winner National Sub-Junior Championship, 94x100
1938—Winner National Junior Championship, 98x100
Member 1938 All-American Trap Team
1939—Winner National Junior Championship, 97x100
Member 1939 All-American Trap Team
1940—Winner National High Average on Doubles Targets
Member 1940 All-American Trap Team
1942—Winner National Doubles Targets Championship, 97x100
Member 1942 All-American Trap Team
1943—Winner National Doubles Targets Championship, 96x100 (tied record)
Member 1943 All-American Trap Team

sion straight through from comb to heel. While not necessary, a "straight through" stock is another aid to more hits and cleaner kills.

If you are "fighting" your shotgun, check the thickness of the stock. If the stock is too thick, you have to "fight" to get your head over the comb to properly align the sights. If the stock is too thin, you have to force the comb out of position under your cheek bone to align the sights properly. Correct thickness of stock to fit the individual is to have the center of the stock directly under the shooting eye when the gun is properly shouldered.

"Angle of pitch" is the amount by which the angle between the line of sight and the face of the buttplate varies from 90 degrees—in other words, the amount the gun barrel tends to "pitch" up or down when the butt is placed flat against the shoulder. This pitch is measured in many different ways. My personal method of determining the correct pitch for a shooter is to have him properly shoulder and align the sights of the gun, exactly as if he were ready to shoot. I then measure the distance from the center of his "shooting eye" to the top of the comb of the stock. This figure gives the "down" pitch. As long as the shotgun fits as to drop and length, and is shouldered properly, the correct pitch measurement for a shooter can be obtained in this manner. Many gun authorities will disagree with me on this method of measuring pitch, but the results I have experienced using it have been extremely satisfactory. Average shooters require a down pitch between one inch and two and one-quarter inches. There may be gunners requiring "up" pitch, but I have never encountered one.

The way to measure your shotgun to determine its existing pitch is to pick out a floor and wall panel that looks to be as close as possible to a 90-degree angle. Place the butt of the shotgun on the floor as flat as possible and then slide the gun forward until the receiver touches the wall. The barrel will then be away from the wall. Measure the distance between the front sight and the wall and you will have the approximate down pitch of your gun. If when you slide the buttplate forward toward the wall the front sight touches the wall before the receiver, your gun has an up pitch. Up pitch is measured by the distance between the wall panel and the top of the receiver instead of the front sight as is the case of measuring down pitch. The shooter will find in many cases that his gun has a down pitch of three to four inches. This extreme down pitch will tend to make the gunner shoot low, and should be corrected.

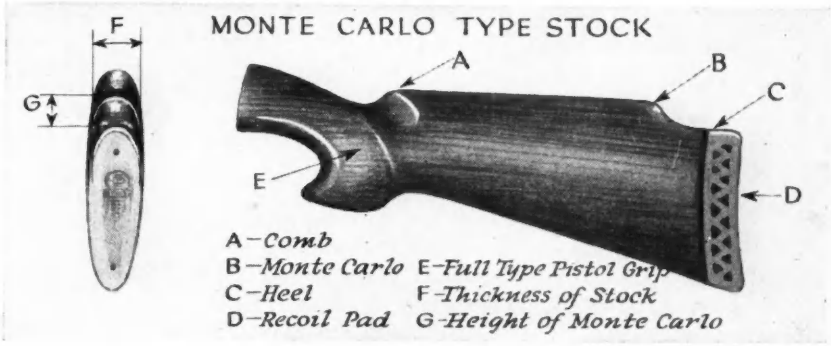
There are several remedies for undershooting. One is the "Monte Carlo" stock. This is nothing more than a stock with a raised comb that falls off at the heel of the butt. The Monte Carlo comb is usually from one-quarter to one inch in height above the heel. A leather pad laced on a shotgun stock has the same effect as a Monte Carlo stock.

The purpose of a Monte Carlo is twofold. Not only does it straighten the stock so the gun will shoot higher, but it helps prevent "turtling" of the head and neck too far forward on the stock and generally assists in proper shouldering of the gun. Shooterss with long necks find a Monte Carlo helpful in that the stock comes up to the face properly without having to lower the head to cheek the stock.

Guns having Monte Carlo stocks have an extra measurement in the drop sequence. For example, a stock without a Monte Carlo may have measurements of fourteen and one-quarter inches in length, one and five-eighths-inch drop at comb, one and three-quarter-inch drop at the heel, and one and one-half-inch down pitch, and of medium thickness. This sequence is written thus: 14¼—1⅝—1¾—1½ down medium. Now, let's take a gun having a three-quarter inch raised Monte Carlo stock with similar dimensions. The sequence is then written: 14¼—1⅝—1¾—2½—1½ down medium. The extra measurement written as two and one-half inches is the drop at the heel with a Monte Carlo and the one and three-quarter inches then becomes known as drop at the Monte Carlo. A Monte Carlo stock, too, can have "straight through" dimensions. Such a gun would shoot comparatively higher and would shoot the same wherever the shooter placed his head on the stock. Thus, more or less clothing when shooting in winter or summer would not change the effective drop.

Balance of the gun is of great importance to a shooter. He must be careful not to have too much weight in one spot. The weight should be "strung out." By this I mean that if a shooter restocks his gun, he must be sure to use the type and weight of wood in the stock that will be conducive to a good center balance.

The grips on shotgun stocks are another factor that depend on the individual. There are straight and pistol-type grips. Some pistol-grip stocks are actually little more than straight-grip stocks, while others resemble the handle of a Frontier Model Colt revolver. Most shooters find that a pistol grip stock of one form or another allows them to place their hand in a more comfortable position and allows more positive contact with the trigger. The trigger should be touched by the finger between the tip and the first joint. Some shooters prefer to put the trigger in the first joint of the finger. This is not incorrect, but one must be careful not to "choke" the grip too closely with the hand when triggering a shotgun in this manner. Choking the grip often throws the hand too far forward. This sometimes causes flinching. Incidentally, flinching is as often caused by poor gun fit as it is by nervousness.

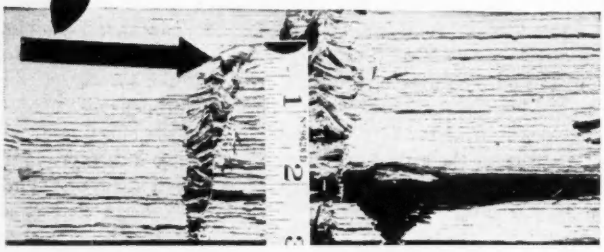


The simplest way I know of to cut down on flinching is to "slap" the trigger. This is done by holding the trigger finger forward against the trigger guard. Then, when ready to shoot, "slap" the finger back in order to contact the trigger. This greatly reduces flinching. But more often than not, it is improper gun fit rather than nervous disorder that causes the trouble in the first place. Rifle and handgun shooters are no doubt wincing at this idea of slapping the trigger. But shotguns are different! Remember: Aim and squeeze rifles and handguns, but *point and pull shotguns!* ♦ ♦ ♦

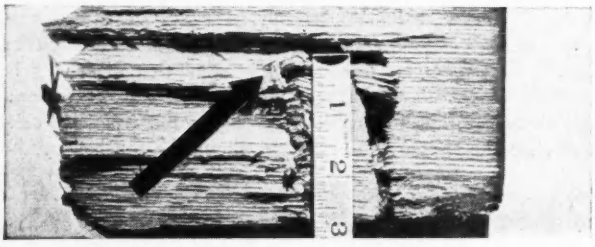
By FRED SEGUIN

Tough LOADS?

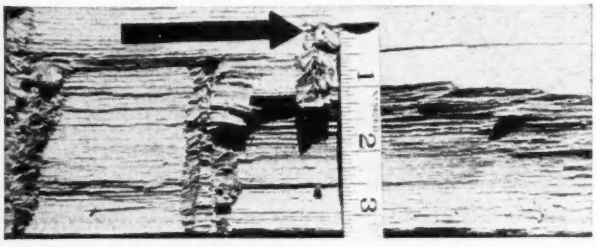
EVEN THE LOWLY .22 PACKS A POWERFUL WALLOP . . .



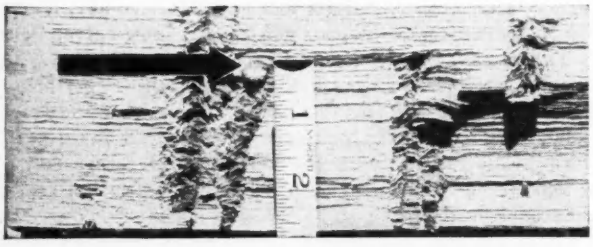
.22 This regular-speed Kleenbore LR bullet was fired in Remington rifle. Penetration was 2¾ inches. Note that bullet swerved considerably, due to deformation at higher velocity in long-barreled arm



.22 This is a repeat performance of cartridge and rifle used above. Penetration is almost identical. Performance of these small .22 bullets seemed more uniform than with heavier bullets shown on next page



.22 Hi-Speed Kleenbore, fired in same rifle as above, gave penetration of 3¼ inches. Increase in penetration over regular-speed ammo was only ½ inch. Bullet was shortened and fattened by wood resistance



.22 Western Super-X hollow-point LR load in same rifle smashed through 2⅝ inches of wood. Bullet expanded to nearly three times original diameter. This clearly demonstrates destructiveness of HP's

HOW TOUGH are the .45 Automatic, the .38 Special, and the .22 long rifle cartridges?

I wanted a common comparison—one including handloads as well as factory ammunition—to show the relative ability of the various combinations to smash their way through a tough substance. With the exception of the test shown in the last photograph, all bullets were fired into the same four-inch block of seasoned ash, which was selected for density and uniformity of grain. The range was twenty-five feet. In the last test another ash block, slightly more dense, was used at fifteen feet. Popular arms, such as are owned by countless shooters, were used. Cartridges were over-the-counter types, along with commonly-used handloads.

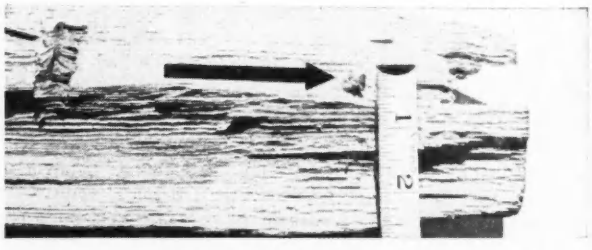
As is always the case in a study of this kind, other interesting facts came to light. Perhaps the most amazing was the deeper penetration of the .22 long rifle cartridge when fired from a pistol than from a rifle. This phenomenon was checked many times and found to be true. The answer seems to be that the greater speed of the rifle bullet causes more deformation as it penetrates the wood.

While this adds shocking power and increases the cross-sectional area of the projectile, it prevents the bullet from penetrating as far as one fired from a pistol, which deforms less at the lower velocity.

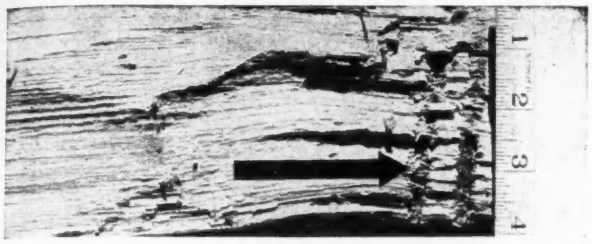
In the final test, the Hensley No. 78 bullet was used in all three handloads. It should be noted that the most powerful load tried in this test, 5.0 grains of duPont No. 6, is actually an overload, and its regular use is not recommended. Accuracy is poor and rapid leading resulted from its use.

That full factory loads and equivalent handloads are tough customers was clearly brought out in these tests. All three calibers showed a high degree of ability to penetrate and smash through a tough, fibrous substance. This fact, together with a knowledge of the cross-sectional area of each caliber, is certainly a good indication of the "punch potential" of these loads.

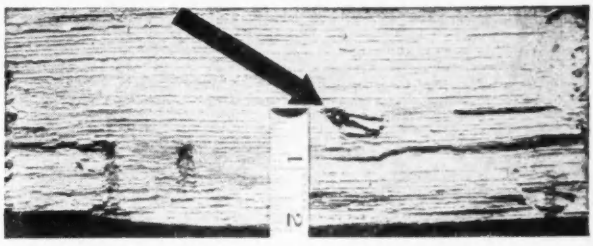
The results, too, indicate the reasons for adequate safety precautions. Flesh is a lot easier to punch holes in than a block of tough, seasoned ash!



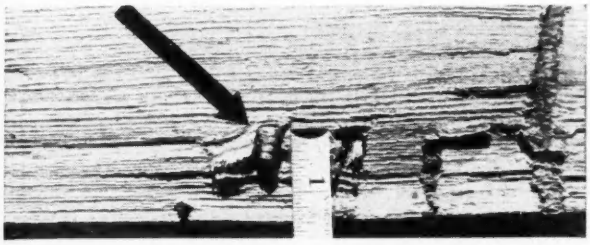
.22 Regular-speed Kleenbore LR fired in Woodsman pistol failed to deform, penetrated only 2½ inches. Poor performance was probably due to bullet "wandering" in wood. This was not typical of the load



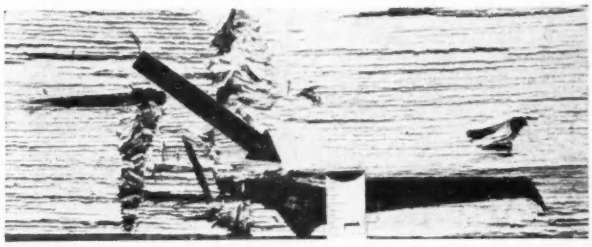
.22 Both of these regular-speed Kleenbore .22's passed all the way through 4-inch plank. This is typical pistol performance, showing straight path through wood and minimum deformation of the bullet



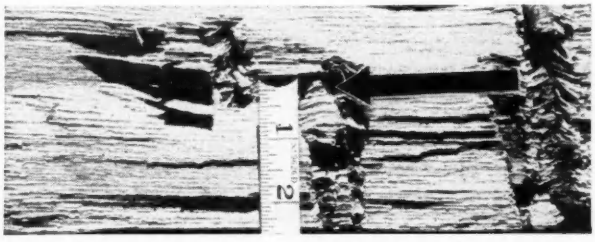
.22 Two-inch penetration of this Super-X hollow point fired in pistol is about $\frac{5}{8}$ inch less than same load in rifle. Destructiveness, also, was not as great as when fired from longer barrel



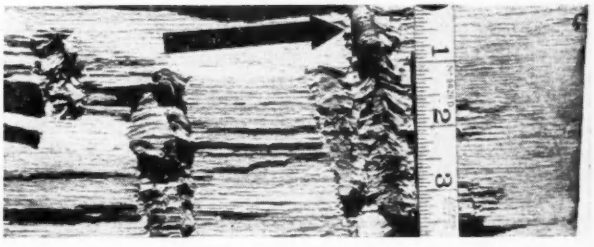
.38 This is a typical .38 short-range load: 2.2 grains of Bullseye behind Hensley No. 9 wadcutter bullet. Penetration was only 1½ inches, and deformation slight, showing low power of load



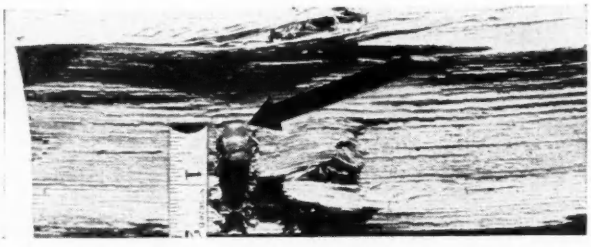
.38 Same load as at left, and also fired in 6-inch barrel Colt Officer's Model, showed penetration of one-inch. All tests except last one were fired with log at twenty-five yards distance



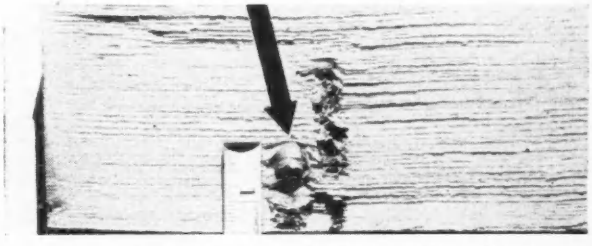
.38 Heavier load (2.85 grains of Bullseye) with same bullet increased penetration to $2\frac{3}{8}$ inches. This load approximates power of .38 Special often used for 50-yard target shooting



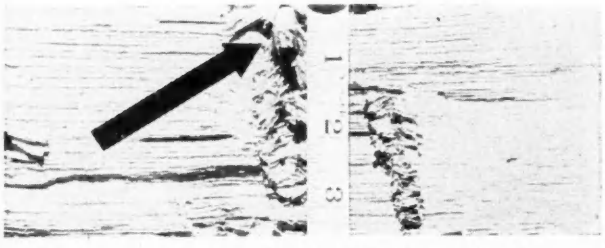
.38 Western .38 Special factory load with round-nosed bullet penetrated $3\frac{3}{4}$ inches. Considering power of this load, it is surprising to note its straight path and lack of deformation of the bullet



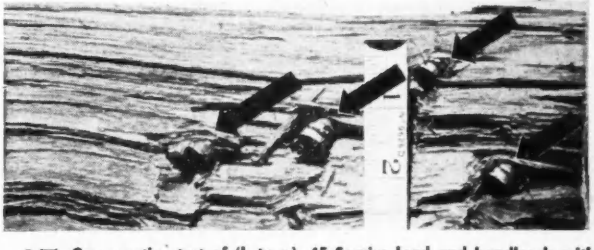
.45 This .45 Auto load, with 3.2 grains of Bullseye behind No. 78 Hensley semi-wadcutter bullet, is favorite target load. Penetration was $1\frac{3}{4}$ inches, and the nose of the bullet was slightly deformed



.45 Same 3.2 grain .45 Auto handload penetrated only 1½ inches this time. More deformity, however, is noticeable on nose of the bullet. Hard spot in wood probably accounts for difference in penetration



.45 The .45 Auto with metal-jacketed bullet (the standard Government load) nosed through for $3\frac{3}{4}$ inches. As might be expected with this tough, jacketed bullet, practically no deformation occurred



.45 Comparative test of (l. to r.) .45 Service load and handloads with 4.7 grains Bullseye, 5.0 grains duPont No. 6, and 5.8 grains of duPont No. 5. Third from left is dangerous overload. ◆ ◆ ◆

SUICIDE SPECIALS

By DUNCAN McCONNELL

HARPER'S WEEKLY, in 1878, printed a cartoon entitled "In-Door Sport in Jersey." It depicts a man in nightcap sitting erect in bed, with a candle in one hand and a percussion pistol in the other hand, presumably contemplating violence to the foot-long mosquitoes flying about in front of him.

Harper's Weekly of the same year carries the following advertisement: "A $10.00 Revolver for $2.50—The Alexis—With Russian model stock, full nickel-silver plate and hand-engraved . . . G. W. Turner & Ross, 93 Water Street, Boston." Further search among the opium cures and easy lessons on making crazy quilts discloses another choice item published in 1885: "Good pocket plated revolvers for home defense—Cash with order—Small, $1.00; medium, $2.00; celebrated Bull-Dog, $3.00 . . . H. & D. Folsom, 15 Murray Street, New York." In another place the "World Renowned Blue Jacket" is offered "free"—undoubtedly there was some hitch in the proposition, even in 1881.

These examples serve to introduce the "Suicide Special" revolver as well as the type of advertising used in marketing it.

The typical "Suicide Special" was a single-action pocket revolver adapted to rim-fire ammunition, most frequently of .32 caliber but ranging from .22 to .41. Usual, though not characteristic, was the birdshead grip, normally of hard rubber or wood but occasionally of pearl, bone, ivory, or even cast metal. These arms were nearly always plated. Often they were crudely engraved, but the so-called engraving was chiefly the product of hand stamping with dies of various special shapes. Although apparently very rare, smooth (unrifled) bores were employed on this class of arm. However, some of the advertisements made particular mention of rifled barrels—a factor which no doubt contributed to the high quality of these guns.

These arms are not without interest to the collector. Indeed they represent a facet of the development (or degeneration) of the hand firearm in America. Obviously they will never command the attention that is so justly deserved by arms made by Colt, Smith & Wesson, Remington, and others but their comparative abundance, if nothing else, commands some attention. They cannot be ignored. Even the beginner with little experience in collecting arms has seen numerous examples of these revolvers and has probably wondered what place they occupy in a representative collection. (A word of warning seems appropriate: Of all types of arms purchased from individual owners by the author, the "Suicide Special" is the variety most likely to be loaded when presented for examination. Examine all arms with care—particularly "Suicide Specials!")

Names of manufacturers of these firearms are not readily ascertained. The several firms which advertised and sold these ingenious devices for home defense rarely made them. The manufacturer's name is conspicuous by its absence on the typical "Suicide Special." Undoubtedly they represent the output of a later generation of New England manufacturers who traditionally aspired to the fabrication of wooden nutmegs. Be that as it may, these revolvers do show elements of ingenuity of design that are surpassed only by the poor quality of the materials used and the crudeness of the workmanship.

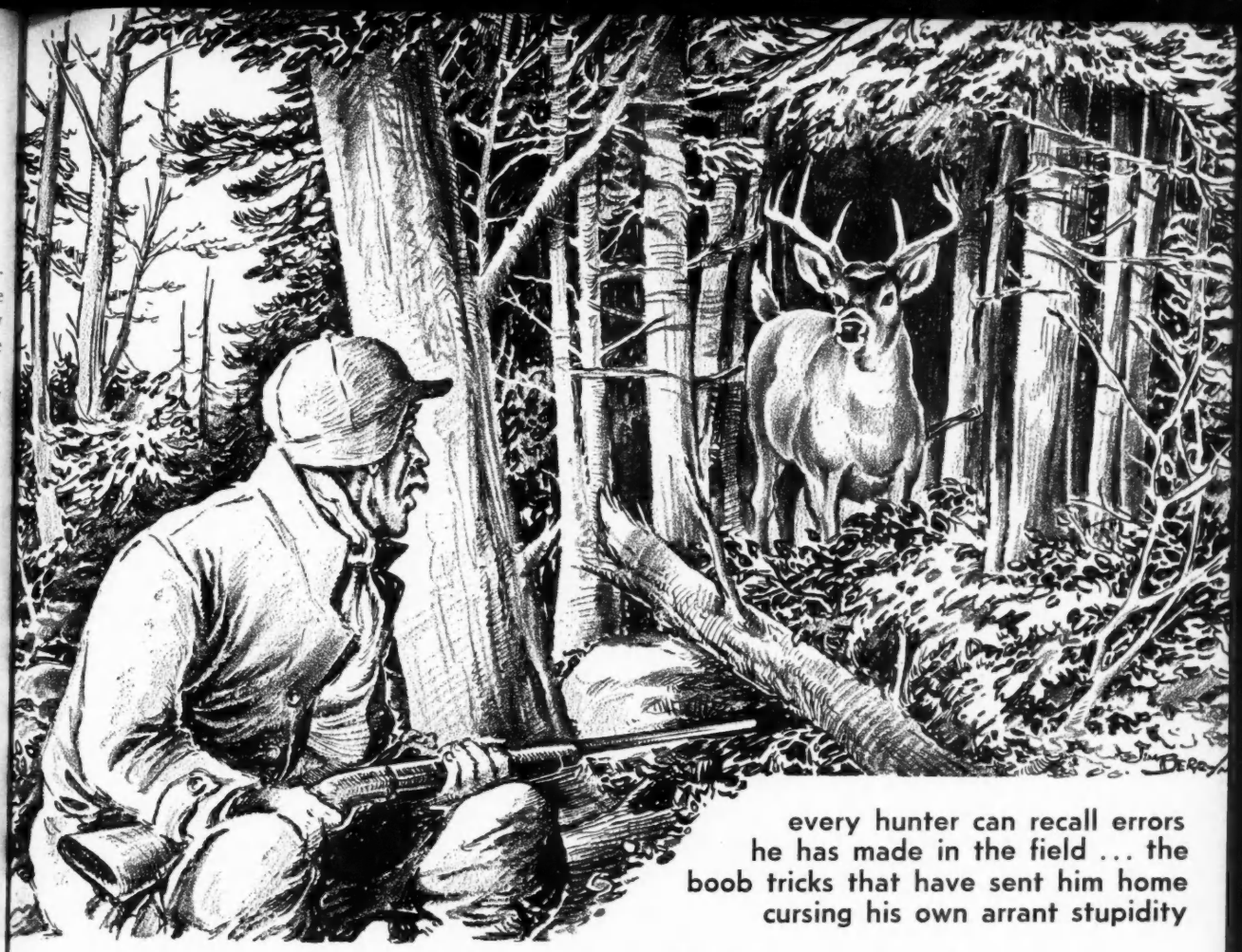
Almost all of these revolvers carry trade names and a few show patent dates. Popularity seems to have been the keynote of the names. Here we find the advertiser's ideal, a popular slogan, and a trade name all in one. For the patriotic individual these were available: America, American Eagle, Liberty, Patriot, Young America, and others. Empire, Imperial, International, Little John, Monarch, Robin Hood, and Union Jack would probably be popular among British immigrants. Some names played upon sectional interests in this country: Alaska, Big Bonanza, Boston Bulldog, Lone Star, and Prairie King. A few faintly hint at the quality of these precision instruments of destruction, e.g., Earthquake, Little Joker, and Smoker.

The names employed were intended to appeal to almost every type of personality. That is rather wide coverage, to be sure, but so are the names. The proof of their great variety is the fact that no list of these names can pretend to be complete, but it seems appropriate to list those encountered by the author.

The following names are furnished *(Continued on page 44)*

"Bulls Eye" is a .32 caliber rim-fire nickel-plated revolver from the author's collection

"Napoleon" is a more ornate example of "Suicide Special." It has rosewood grips



every hunter can recall errors he has made in the field ... the boob tricks that have sent him home cursing his own arrant stupidity

GREAT MISTAKES

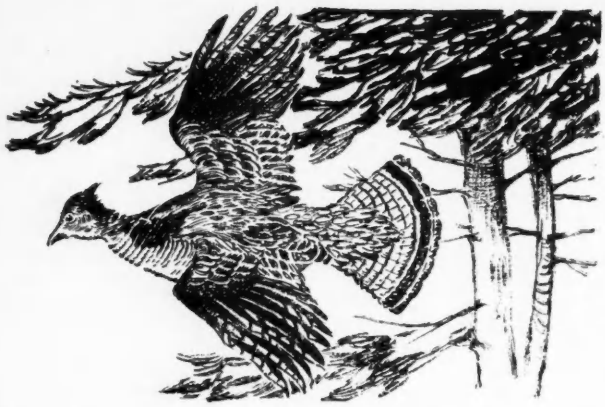
By ARCHIBALD RUTLEDGE

THOUGH A HUNTER may keep the business to himself, he knows that, even after he has attained plenty of experience in the woods, he has pulled some awful boners. When every reason in the world called on him to be smart, he just acted goofy. When he had a perfect chance to be a hero and a maker of sporting history, he acted like the boob to end all boobs. I know these things are true. I've been a jackass myself. And, I have seen friends of mine—some of them good hunters, too—do things that would make a hound-dog howl in anguish, yowling his very heart out.

You know what I mean. If I tell of a few of the messes I have made and have seen perpetrated, you probably will be able to call to mind some of the similar lickings you have taken. And, it is a very wholesome kind of discipline for us to remember these mishaps. To do so puts a curb on our cockiness and, as you know, the hunter who is most likely to fail to click at the critical moment is the one who is too self-satisfied. A hunter who is duly humbled by a consciousness of some of his past botchwork is likely to become a pretty careful, cool, and successful man in the woods.

On one occasion I was walking through a cornfield with a friend of mine. As he had taken up hunting late in life, and was in my judgment a careless man with a gun, I had him on purpose walking about fifty yards ahead of me. I pretended that I wanted him to have the first chance at anything that would get up. As you probably know, some men are just the finest and safest men in all the world until they happen to get guns in their hands. Then, if you want to kiss your wife again, you had better keep your distance.

Now, the kind of cornfield I refer to is not your clean cornfield of the North and West in November, with the shocks standing like wigwams in the mist of the morning. My friend and I were in a southern autumnal cornfield. Most of the stalks, though tawny and tattered, were still standing; also there was a dense kneehigh growth of cowpeas, sheepburs, crabgrass, redroot, and other wild and luxuriant growths. Through such a field a man has to fight his way valiantly and patiently. You might wonder why we two, at such a time, before the really hard frosts had had time to kill down that lush undergrowth, were crossing that field at all. Well, the truth is, there were a lot of doves there, several covies of quail; and I had seen several deer beds and the tracks of at



least one old wild gobbler. The field was about twenty-five acres in area; and at the time of year I am describing was the kind of place to harbor literally any kind of game.

Well, as luck would have it, out of a particularly dense growth of coffeegrass, I walked up a wild turkey gobbler. Such an old wily veteran will not readily take wing; in most cases he prefers to escape by running. I believe the place was so thick that he just felt himself cornered. At any rate, up he got, and headed in the general direction of my friend. The great bird was far enough to one side to afford me an easy shot but, of course, I wanted my friend to have it. He had never killed a wild turkey. As he had been making a lot of noise fighting through the weeds and grass, he did not hear the gobbler rise. Seeing in an instant that he did not know what was going on, I yelled to him, "Look out, Will! Wild turkey! Look out!"

It happened that at that time, about 100 yards directly over my friend's head, an old turkey buzzard was lazily and aimlessly wheeling. Hearing my warning cry, Will whirled around violently about three times. When excited he had a way of holding his gun in a present-arms sort of way, gripping it fiercely and rigidly until his knuckles were white. He now put on this kind of a dance of the wooden soldiers; then, just as the gobbler passed, flying not more than fifty feet high and not farther away on his left, he jerked his gun to his shoulder and let the turkey buzzard have both barrels.

Some 200 yards beyond my friend, the river flowed. This wide barrier the old gobbler crossed in safety. The shot on the buzzard was a clean miss.

Then there was that cold November morning in the hills of southern Pennsylvania when, instead of staying home by the fire like a sensible man, I was hunting grouse. I had put up a fine cock, and he had gone straight ahead of me, toward the crest of a ridge, where a very tall, slender pine was standing. It was the only evergreen in sight.

At the time is was blowing, sleeting, and snowing, and in such weather grouse don't fly far. You know, too, how partial to an evergreen this bird is. Only once in all my experience have I ever seen one alight in a bare tree. The last I saw of this bird, he was heading straight for the top of that dusky pine. I followed confidently. Though the top of the hill was fairly open, I felt pretty sure the bird, counting on his high dark cover on not being seen, would let me get close; then, when he tore out, I would have the goods on him. While heretofore I had been cold and discouraged, I now felt warm and full of fatal certainty. In fact, I already had that grouse on the table, with my wife beaming on me as if she were saying, "What a man!" You know how it is.

It was rocky on the crest of that bleak hill, and I had to feel my way along with my feet, my gun at ready, and my eyes never off the dusky top of the pine. I was so anxious not to make a floozle of this chance that I would not even use one hand to wipe the snow off my face. I kept trying to blow it off. Of course, the grouse just might not even be in the pine but my mind told me that he was; moreover, as I came up almost under the tree, I was amazed at how comparatively thin the foliage was. This probably meant that I could see the bird on his perch—you know how slim and tall he stands, with all his feathers drawn in tightly about him.

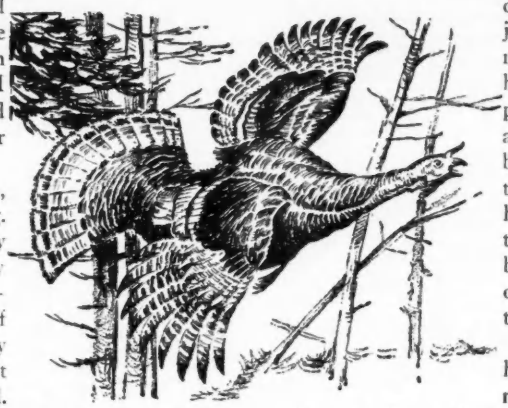
Now, it is generally a bad thing in hunting to be so obsessed with one idea that you are oblivious to everything else. I just didn't have anything in my head but grouse. Therefore, when a huge black bird launched himself out of the darksome pine right over my head, I supposed a buzzard had taken refuge there from the storm and I hadn't lost any buzzard. It was not until the fugitive was some seventy yards away and going strong that I recognized it as a wild turkey! I then threw up my gun and fired vainly at it; then was aware that at the sound of my futile blast the old cock grouse had gone out of the pine top in the other direction. Was I a hunter or a fizzle? You guess.

Very early one December morning I went into the big woods with my good Negro deer-driver, Prince. We had mapped a little campaign that I hoped would net us some venison. I would post myself at a very famous buck stand or crossing, while he would take our three deer hounds about a mile down toward the river; then turn and drive back toward me. This drive is a long peninsula and is an exceptional place for bucks. The stand I took was on a fallen log in the middle of a dry cypress pond. I had killed a good many bucks at that same place.

Although I sat down, loaded my gun, and was ready, I did not really expect any action until Prince began to drive; and I knew it would take him at least twenty minutes to reach the point of the peninsula. However, more than once this kind of thing has happened to me: Long before the drive started, an old buck, hearing some noise or winding the driver or a stander, would come sneaking out far ahead of schedule. It pays a man to be alert on a deer crossing. Time and again I have had friends lose what would have been perfect chances by fidgeting, walking up and down, smoking, and even reading newspapers "while waiting for the drive to start." Often the finest old bucks don't wait for it to start. One such disconsolate hunter tried to offer me this alibi for having bungled what would have been the opportunity of a lifetime: "He came to me before I was ready for him."

In my case I was ready —yet in a way I was not. For even while I was all set, watching the silent open woods in front of me,

through which I could see several hundred yards, on a cypress tree behind me some fox squirrels began to have some kind of a fracas. I turned my head to watch them, and had it turned perhaps three or four minutes.



When I finally faced front again, I did not immediately see anything. Then, incredibly there dawned on my sight, dead ahead of me, and incredibly few yards away, head-on and motionless, the thrilling apparition of one of the Old Men of the Woods—a burly stag, shaggy and wild, with what looked like a record rack on his head. His neck was somewhat outstretched toward me, and his black nose was twitching as if he had winded me. I was morally certain he had seen me turn my head. A deer will always see you move. I was holding my gun across my knees.

The buck had stopped in what was for me a rather unfortunate place. Immediately on his right were three big pines, close to him on his left were half a dozen good sized cypresses and gum trees. He, therefore, stood in a rather narrow opening. If he made a swift turn to right or left, the trees would shield him from a shot. Measuring the distance carefully with my eye, I realized that, as he stood, he was within easy range of my old long gun. The only trouble was that I did not have it on him.

It was at that moment that I made the wrong move. Under the circumstances, I did the very worst thing that could have been done. Afraid that if I jerked the gun up, he would duck and I would miss, I thought I could move it at least part of the way so imperceptibly that he would not see me. Pshaw! I hadn't moved the tip of the barrel a half inch before he saw it, and the second he made out the movement he was gone. He just vanished behind the screen of cypresses. It still seems incredible how a creature so huge could be so fast.

Now, of course, my mistake was in not waiting. It was distinctly his move. I was not sure that he had certainly seen me or had winded me; that is, his attitude indicated being puzzled rather than alarmed. Deer are curious. He might have come a little nearer to make certain of what he suspected. If so, he would have cleared the trees on either side of him; then, even if he did make a wild dash for freedom, I would have been afforded an open shot, and I am sure I could have killed him. There's no use denying it: I zigged when I should have zagged. And ever since that memorable break on my part, whether to move or not to move has become for me a very important question in wildwood strategy.

One winter's morning I posted a friend of mine on a deer crossing, and I cautioned him to be very alert as I knew there was a flock of wild turkeys in that drive. Somewhat to my surprise he asked me what a wild turkey looked like. As with any other kind of wild game, the answer to that question depends a good deal on where you see it. The appearance of creatures varies according to their surroundings.

Looking over the country about us which was level and where tall pines stood out of kneehigh huckleberry bushes, I said to him:

"Well, if you see a long black snaky-looking neck moving above these bushes, that will be a wild turkey."

I took my own stand some distance away, and hardly had been there ten minutes before I heard my friend shoot. I was delighted to hear the gun, but my joy was short lived for almost immediately I heard one of my old hounds set up a most doleful and persistent yowling. The dog had approached the stander through the bushes, with nothing but his black tail showing; and my obedient hunter had shot and broken the hound's tail! And, of course, he put all the blame on me. I had stuck my neck out about as far as the hound had his tail!

There are a good many mistakes a hunter makes for which he really is not to be criticized. For example, he walks around one side of a dense little mountain laurel thicket, and a grouse goes out the other. He doesn't even see it. To cross a wire fence, he lays his gun carefully on the ground on the other side. When he is about halfway through his operation, a covey of quail gets up practically under his gayters, flies across an open field, and crosses a broad deep creek over which there is no bridge. I've seen that very thing happen. Or, a man has his choice of electing to cover one of several deer crossings. He naturally takes the one he thinks is best. But the old buck with the craggy crown loafs in a walk over one of the open stands. Things like those are mishaps. And in one way they are fortunate. They prove that the ways of wild game are often unpredictable. If we could figure every chance out with mathematical exactness, there would be neither any game nor any sport left for any one. The element of chance is essential to all sport.

The kind of defeat I have in mind is the one due to some kind of arrant stupidity, to mental and physical floundering. I mean that for some reason when clicking-time came, we just didn't click; as hunters we were fine clowns. We fully qualified ourselves to be masters of fiascos.

Anyone familiar with the nature of a whitetail buck knows that if he is uneasy, yet not in full flight, he will in maneuvering for an escape, do a lot of skulking, and will deal in much shadowy subterfuge. At such a time he makes the very least possible display of himself. Sometimes, such is his strategy of concealment that he will do things that hardly seem credible. Yet, as we know, things happen in human life and in nature that no writer of fiction would dare to invent.

One morning I was on a deer stand on a level straight stretch of sandy road. Just off the road, and running parallel to it, was an old barbed wire fence. Really, there was nothing left to it but the old posts and a single strand of wire about three feet above the ground. I was standing beside a big pine near the fence. A hundred yards from me in plain sight was another stander. He, too, was leaning against a tree on the line of the fence. The drive was coming toward us, and the woods in front of us were quite open.

He and I saw the buck at about the same time. He was coming to cross the fence just about thirty yards beyond my friend and to all appearances he was going to be afforded a perfect shot. I was glad to see my fellow hunter get his gun to his shoulder just the second the buck appeared, though he was then some 200 yards away. That was good judgment. It is always a wise maneuver to get your gun up before a deer can see you move. To jerk it up at the last minute is likely to throw you off balance, and at the same time scare the daylights out of the buck. I saw that my friend had his gun

leveled down the line of the fence and about two feet above it. It was clear that he had his mind fixed on shooting just as the deer jumped the fence. But it's risky to make plans that are too perfect; you always have to figure that at the very last second the whole situation may change. A man may have a scheme worked out that appears foolproof; then, in the moment of crisis, some little unexpected variation may make a booby of him. It is hardly ever possible to preconceive a situation exactly, especially when you are dealing with intelligent wild game in the mysterious wilderness. That is what adds the spice to a huntsman's life and requires him to keep on his toes.

The buck, unsuspecting the presence of any hunters, came along easily and jauntily, giving me the impression that, while he had not made up his mind on any definite course of action, he was ready for any cunning sort of swift and wary strategem. If you don't think a deer is artful, and especially so at the critical moment, guess again. He always seems to me more capable of pulling a fast one than a man is.

My friend was so absolutely certain that the buck would jump the wire that, just at the moment when it seemed he must be just above the fence, he gave him both barrels. But I, watching with the detachment of one who is not doing the shooting, saw what the hunter himself at the critical moment completely missed: With sinuous grace, the buck went *under* the wire! Then I had a vision of a tall white flag rocking off through the woods; and of a hog-wild hunter throwing his hat on the ground and jumping up and down on it, calling on high heaven to witness that a buck had no business to act like that.

They come back to me—the follies we commit, the idiotic things we do. I remember at a deer camp one night all of us fell to talking about albinos; and several of the boys declared that they had heard that there was an albino buck in the drive we were to take first next morning. I must admit that the morning was foggy and the visibility low, but at any rate one of our party poured death and destruction into an old Negro's white mule. I remember sending a friend to a pond in the woods where some wild geese had been using. After awhile here he came back proudly carrying a *pelican!*

Deep down in our hearts we know some of the crazy things all of us have done; things which, if people really knew about them, would convict us of being mere lunkheads. But that isn't the whole story. It's just that, even as hunters, we remain human and, therefore, it is always possible for us to be fallible. ◆ ◆ ◆

Coaching The Dryden

(Continued from page 20)

In the evening I went over to the Beach House to foregather with the Grotto Club, a merry little group within the New York team whose object was good fellowship. George Doyle and I were the first to show up. George, who had shot on International teams long before I took up rifle shooting said, in his delightful brogue, "Bill, what in the Hell was out there today that you could see and that I couldn't see? The dom flags hung straight down the pole all day long."

I assured him there was nothing to be seen, no mirage, and the little dribble of heat bubbles from the top of the butt looked the same as before. Then I gave him the following summary of the coaching technique:

My telltale on the change in conditions was a whiff of perfume! As there was nothing out front from which an artificial perfume could emanate, then the odor must have come from the line of spectators five yards to the rear of the firing line; and since scents do not travel up-wind, that meant what little breeze there was had reversed its direction. It was then that I got to my feet and became aware of still other signs; the sea tang was fading out, land smells were more in evidence, traffic sounds from the highway half a mile to the rear were more audible, and the mosquitoes were coming out of the grass. The latter is an infallible sign of a land breeze at Sea Girt, for these pests stay down in the grass while the sea breeze is flowing in. Having made these observations and delivered my instructions to the range officer, I got down to my pair on the firing line. Properly, my instructions should have issued through the team captain but there was no intention on my part of assuming his prerogatives. It was simply that time was of the essence. To have explained my request to the team captain, to have it weighed, perhaps garbled, and delayed in transmission to the pit, would have consumed valuable time and the opportunity for a demonstration of range craft and team craft would have passed. As for stinging the pit detail into livelier action, General Brientnall was too kindly a gentleman to have considered that.

My reason for giving Price three minutes correction and Martin four minutes was that Price's sighters were in the lower half of the bull and Martin's were in the upper half.

My instructions to Price and Martin to step up the pace were based on a little psychology. If the other teams could see a target still functioning, without interruption, with most of the shots in the bullseye, they might be persuaded to believe that there had been no change in conditions and that their own misses were due to unaccountables, that grand old alibi with which the old timers dismissed their misses, and kept on shooting.

Results seemed to prove that it worked out that way and that the other teams paid the penalty for lack of alertness by a hasheesh of unaccountables.

While talking with George, other members of the clan had drifted in. That they had followed my remarks closely was indicated by the questions they threw at me when I finished:

"Bill, was she young?"

"I didn't see her, but she couldn't have been. Young things have their own fragrance which can't be bought over the perfume counter."

"Hear! Hear! Lothario speaks!"

So, that session of the Grotto was opened in full and ancient form, and I had coached my first state team to victory, thanks to a lady and her perfume! ◆ ◆ ◆

The .333 O.K.H.

as a Hunting Load

By BOB HAGEL

THE LAST COW in the band of elk disappeared from view, amid a crashing of timber and snapping of brush, into the patch of heavy timber. I called myself several kinds of a fool for having fired the hasty shot at her as she vanished behind the bushy spruce. My friend, Frank James, had hit his cow and I knew even as I had fired from the prone position in which I had been waiting for him to get off the shot that mine had missed. At least it had no more than burned her rump as she leaped behind the spruce. The prone position had made it impossible to swing and follow through, and there had been no time to change.

We moved farther out on the rocky point and sat silently watching the patch of heavy timber for the band to reappear. At last a cow came into view, trotting around the hillside into an old burn. One by one the rest of the band followed, angling up around the mountain, through the mass of down timber and second-growth firs to top the flat-topped ridge. They stood bunched for a minute looking back in our direction, and then disappeared. Far behind the others a large, dark cow broke from timber and made for the ridge. There was a good chance that this might be the cow at which I had fired. If I had hit her she was likely to lag behind. I waited in a sitting position with the sling snugly on my arm, feeling that she would stop on the ridge, as had the others, for that last look. The range was close to 500 yards—farther than I wanted to shoot at an elk that was jumping logs and boulders. At last she stood on the ridge, silhouetted broadside against the sky. The post in the scope came up to the top of her shoulders, then above. The big rifle roared, and the cow dropped to tumble end over end down the rocky ridge.

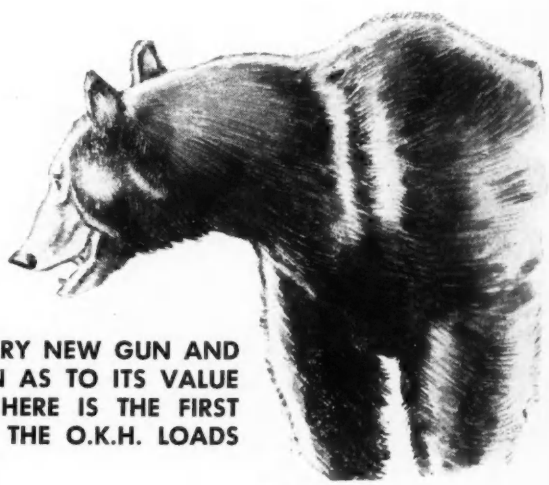
"Well, I'll be damned," said Frank, "that rifle of yours has sure got what it takes. It handles an elk about the same as my .30-'06 does a deer, and at a good 500 yards, too."

Before, and many times since, I have had that statement brought back to me. It has many times seemed that the .333 O.K.H. did handle elk and other large game about as well as the '06 handles a deer.

But perhaps we should get to the rifle itself and the cartridge it fires. As most readers of THE AMERICAN RIFLEMAN know, the line of O.K.H. cartridges—the .285, .333, and the .334—were developed by Charlie O'Neil, Elmer Keith, and Don Hopkins. A finer lot of big-game cartridges were never designed. While these cartridges were originally used with Duplex loading—I have fired several of them so loaded—I have never used the Duplex load on big game and am not going into its possibilities in the field.

The rifle I have is built on an Enfield action. My friend O'Neil turned down the bolt handle, removed the ears, and installed a Lyman 48 receiver sight on it. A magazine, floor plate, and trigger guard from a M30 Remington, also the bolt release from the Remington, was used to make the job a little more streamlined. Keith had a medium-heavy barrel made by Johnson which I acquired and sent to O'Neil and which he chambered for the .333 cartridge. The rifle was fitted with a Weaver 330 scope and Turner mount. I stocked the rifle myself, using a Monte Carlo comb with one-eighth inch more drop at the comb than at the heel so that the rifle in recoil would slide under the cheek bone rather than give the shooter a wallop. A recoil pad was also put on it. With such an arrangement, the recoil is hardly noticeable to one who is used to shooting a heavy rifle. The rifle, complete with sling, weighs more than ten pounds. To many hunters it would be objectionable for that reason, but to me the extra weight is well worth the effort. A sweeter-shooting rifle is seldom fired. When Keith and I sighted in the rifle we found that, in spite of the big heavy bullet, it would keep five shots in two inches at 200 yards.

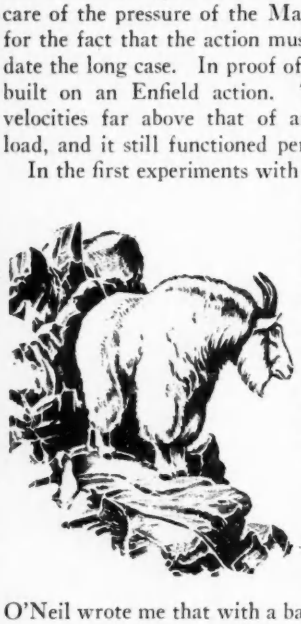
When I first got the bug to have this rifle made up, I had the .334 O.K.H. in mind, but O'Neil did not think it advisable to chamber the Enfield action for the long Magnum cartridge. The .375 or .300 H&H Magnum case being so long, to chamber the Enfield action for them weakens it to a degree that is not advisable. Therefore, the rifle was chambered for the .333 which is made on the .30-'06 case. The rifle, being originally chambered for the '06 cartridge, handles it perfectly, though it was necessary to lengthen the magazine somewhat to ac-



WITH THE APPEARANCE OF EVERY NEW GUN AND CARTRIDGE, THE OLD QUESTION AS TO ITS VALUE IN THE GAME FIELD ARISES. HERE IS THE FIRST DETAILED REPORT ON ONE OF THE O.K.H. LOADS

commodate the long spitzer bullets. Anyone who wishes to have a rifle chambered for the .334 O.K.H. should procure a Magnum Mauser action built to handle cartridges of its length which develop the heavy pressure of maximum loads. However, as far as pressure is concerned, the old Enfield action is one of the strongest ever built and, I believe, will safely take care of the pressure of the Magnum cartridges if it were not for the fact that the action must be worked over to accommodate the long case. In proof of this, I once had a .30 Newton built on an Enfield action. This cartridge was loaded to velocities far above that of any .300 Magnum commercial load, and it still functioned perfectly after many rounds.

In the first experiments with the .333 and .334 cartridges, I believe that Keith and O'Neil used .333 Jeffery bullets purchased in England. However, this practice proved unsatisfactory because of the cost and the inconvenience in obtaining them. Eventually Fred Barnes started producing a soft-point, spitzer bullet in that size, and up to the present time it is the only bullet available. Barnes makes these bullets in three different weights: 250, 275, and 300 grains. I have no way to chronograph loads but, if memory serves me correctly, O'Neil wrote me that with a barrel length of twenty-six inches the muzzle velocity would run around 2400 feet per second with the 300-grain bullet, a little better than 2500 with the 275 grain, and about 2635 with the 250-grain bullet.



Personally I have used the 250-grain load exclusively for hunting and, while I have fired both of the heavier loads in Keith's .333 and .334 rifles, I cannot say from firsthand experience just what they will do on game. For the kind of hunting we have here in Idaho—for that matter anywhere in the West—I prefer the 250-grain load to the heavier bullets for an all-around load. This load has plenty of penetration on anything up to and including elk, and has a much flatter trajectory than either of the other loads. In fact, the trajectory of the 250-grain bullet is amazing. I believe it is as flat, if not flatter, than the '06 with 180-grain bullet.

We have tried many loads and powders—but a charge of from 55 to 57 grains of Du Pont No. 4350 seems to be about the best. My rifle seems to have a somewhat tighter chamber than some of Keith's, and loads that were worked up for his rifle gave some extraction trouble in it.

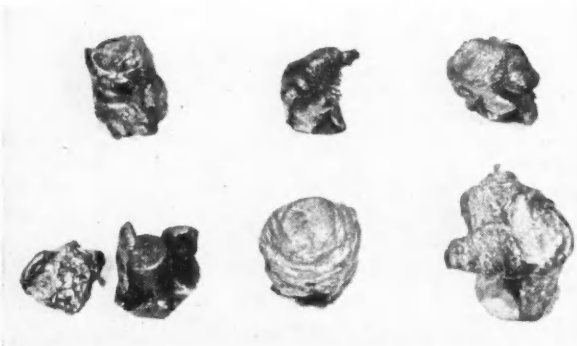
The only fault that I have with this cartridge, as with many other "wildcats," is that the shooter is limited on the kind and design of bullets he can load with. I have no quarrel with the Barnes bullet—a more accurate or finer shooting bullet is hard to find—which performs very well on the smaller big game. But on the larger animals, such as elk, moose, and big bear, it may leave a few things to be desired. There are two things that I believe could stand improvement in the design of the Barnes bullet: One is the fact that the tip of exposed lead on the long spitzer bullets gives considerable trouble in Mauser-type magazines in a rifle which uses heavy bullets and has severe recoil. In recoil the rifle throws the cartridge forward in the magazine with such force that the soft lead of the point is flattened. With repeated firing, the remaining bullets in the magazine will flatten until the jacket stops such action. This gives the bullet, on striking flesh, a tendency to open too quickly and, therefore, gives a loss in penetration.

In the second place, I believe that bullet design could be improved either by increasing the thickness of the jacket toward the rear or by the addition of a thicker portion of the jacket similar to the Peters Inner Belted or the Remington Core Lokt. I have noticed that on larger game, such as elk, the 250-grain bullet when fired from close range or when heavy bone is struck will open to such a degree that it will strip its jacket, resulting in a loss of the penetration that is so vital in quartering or raking shots on heavy animals. In all fairness, I should add that this bullet has given me very good results; and that even when the lead and jacket did part company the shock was tremendous and the kill was almost always clean. However, with the great sectional density of this bullet it should go nearly through an elk endways if it retains most of its original weight.

In the past few years I have killed a good many head of game with this cartridge, including mule deer, mountain goat, bear, and elk. In all this hunting it has never let me down, very few of the animals shot requiring a second shot regardless of where the first bullet struck. The game has been hit from every angle and in about every part of the anatomy that one could imagine and at from a range of a few feet to—well, too damn' far.

I don't claim that the .333 is the ideal deer rifle, and in shooting deer at close to medium ranges it is advisable to stay away from the quarters. It seems to be a little hard on off-quarters when the big bullet comes out on the off-side. At long range you don't have to be so careful, but you can be sure that the buck will be down when you get to him. If you do hit him in the belly and he runs off around the mountain, you won't have any need for a magnifying glass to find the blood trail.

I remember well one fall, not long after getting the rifle back from O'Neil, when it showed its ability to kill under adverse conditions. Larry Webb and I started out one morning to see if we could find a deer for him to try a shot at, he never having shot one before, and to get a little meat for myself. We had not gone far when we eased over a ridge and saw several deer feeding in an open draw. Waiting until they fed out of sight in the bottom, we slipped up a little nearer when suddenly the smaller of the two bucks that were with the herd came into sight less than 100 yards away. When Larry wanted to know if he should shoot, I told him to have at it, feeling that I would be able to kill the other buck when he



.333 O.K.H. bullets recovered from bear, mule deer, and elk. Core left jacket of top center and lower left hand bullets with loss in penetration but did result in much internal damage. Low right hand bullet hit cow elk at 350 yards, destroyed a great deal of bone, and gave excellent penetration. The other three slugs were fired from 75, 125, and 275 yards and gave very good penetration and expansion. All are .250-grain Barnes spitzer bullets

came out on the other side of the draw. Larry fired at the smaller buck but missed. The buck took a couple of jumps and stopped. Again Larry fired and missed. By this time he had a good case of the "shakes," and was doing a lot of shooting while I was trying to see what had become of the other buck. Just when I thought he had gone down the draw instead of across, he appeared on the other side, far down the hill, traveling like a bull with a bee under his tail. I got off one hasty shot, realizing as I pulled the trigger that I had missed.

Feeling a bit disgusted we continued on around the mountain to have a smoke and feel sorry for ourselves. After some time we saw a small deer come out of the bottom of the canyon below us and start up the other side. A look with binoculars proved it to be a two-point buck. The range was well over 400 yards but I was of no mind to let this fat two pointer walk off without trying for him. He was going straight away from us, up the mountainside. Holding the top of the post sight well up his back, I squeezed the shot off. As the report rolled through the hills, the little buck collapsed in his tracks. It looked like a perfect shot between the shoulders, but when we arrived we found that the bullet had hit him in the root of the tail and come out in the bottom of the paunch. He had been killed instantly. That speaks well for the .333 load.

Even the larger game such as elk seem to be anchored on the spot when hit from the rear if the bullet is placed anywhere near where it should be.

Trailing a band of elk in a heavily timbered basin one morning, I came on the band feeding in a spruce swamp. The undergrowth was very thick, with four inches of new snow hanging from every branch. Down timber was piled higher than a man's head, and the low-hanging fog mixed with drifting snow made the visibility practically nil. I realized that I was among elk when the antlers of a huge herd bull showed between the branches of the trees as he reached up for the moss on which he was feeding. Moving somewhat to the right, I could see the mane on the bottom of his neck and front of the paunch but no vital area at which to aim. Shortly he turned and started to move off through the timber, giving me a view of his hips. There were elk all around me. If I waited for a better shot, the wind might change and the whole band be off without giving me a shot. It was "now or never." Half crouching to see through the hat-sized hole in the branches, I held on the left side of the root of his tail and let go. The bull staggered but kept on his feet and disappeared. Climbing on a log, I saw the bull standing broadside, swaying drunkenly and trying to keep his feet under him. His shoulder was partly visible as he stood quartering to me. A shot in the shoulder penetrated the heart and lodged under the skin on the off side. The first bullet had entered at the root of the tail, dislocated the hip, and sheered off into the paunch. He had gone no more than twenty feet after the first shot and, I believe, would have fallen and stayed put if I had not been in a position to finish him off. Both shots were fired at the animal from a distance of not more than fifty yards.

Another huge bull, the largest it has ever been my good fortune to kill, with a head far up in the record class, a beam length of fifty-eight inches, and a spread of fifty-one inches, was killed at fairly close range also. Spotting the bull from a range of 600 yards as he lay in his bed in a patch of heavy timber, I was forced to make a wide circle to get the wind in my favor. When I at last neared the bull he was still in his bed but was plainly uneasy. As I looked over the huge antlers he rose to his feet. The big 250-grain bullet caught him about a foot behind the left shoulder, passed through the lungs and heart and most of the right shoulder to lodge just short of the hide. The bull plunged down the hill for about fifty yards, where he came to rest against a windfall, dead before he stopped rolling. This shot was fired from a range of about seventy-five yards and the bullet showed very good penetration.

On mule deer and average-size black bear, this cartridge nearly always puts its bullet clear through so a blood trail is left that looks as though the animal had its throat cut.

One very large mountain goat was shot at a distance of fifty yards. The old billy was lying down at the edge of a cliff in heavy timber where one jump would put him out of sight. The shot was fired as he came to his feet. He staggered but got on his feet with that amazing ability to take punishment that goats have. Fearing that he would go over the cliff and break his horns, I gave him another one for good measure. At the second shot he dropped back in his bed to roll down against a tree, stone dead.

A very large brown bear, whose hide measured six feet eight inches in length and seven feet six and one-half inches across the front paws, was killed cleanly with one shot. The big bear was feeding on the carcass of a horse when I came on him. He was about 125 yards away, lying on a couple of small logs with his back to me, nearly endways. I was on the mountainside above him making the shot at about 30 degrees angle downhill. At the report of the rifle his head dropped between his forepaws. He was too dead even to kick. The bullet entered to the right of the spine, passed through the lungs, heart, and part of the front shoulder, and stopped just under the skin of the left foreleg.

Many head of game have been killed when the bullet landed in the head or neck, but I do not consider this any indication of killing power, as any good rifle will give instantaneous kills if the bullet is so placed.

To me, at least, this cartridge is about as near to the all-around rifle for western or northwestern hunting as anyone could ask for. It has tremendous killing power, coupled with a flat trajectory that is seldom found in cartridges using such heavy bullets. It may be on the heavy side for a deer rifle, but if one contemplates shooting everything from deer to Kodiak bear it is hard to beat. ● ● ●

Suicide Specials

(Continued from page 36)

for reference: Aetna, Alaska, Alexis, Allen, All Right, America, American Eagle, Avenger, Big Bonanza, Bismarck, Blood Hound, Blue Jacket, Blue Whistler, Bonanza, Boston Bulldog, Brutus, Buffalo Bill, Bull Dozer, Bulls Eye, Capt. Jack, Centennial, Challenge, Champion, Chieftain, Clipper, Comet, Commander, Continental, Conqueror, Creedmore, Crescent, Czar, Deadshot, Defender, Defiance, Dictator, Earthquake, Elector, Electric, Empire, Enterprise, Eureka, Excelsior, Express, Favorite, Governor, Great Southern, Guardian, Hard Pan, Hecla, Imperial, International, Iroquois, Jewel, IXL N. York, King Pin, Leader, Liberty, Little Giant, Little Joker, Little John, Little Miss Alright, Little Scott, Lone Star, Marquis of Lorne, Monarch, Mohawk, Monitor, Mountain Eagle, My Companion, Napoleon, Nero, New Baby, Paragon, Parole, Pathfinder, Patriot, Peerless, Pet, Phoenix, Pinafore, Pioneer, Pointer, Prairie King, Premier, Protector, Ranger, Red Hot, Red Jacket, Rob Roy, Robin Hood, Rover, Russian, Savage, Scout, Senator, Smoker, Southron, Sportsman, Spy, Sterling Bull Dog, Success, Swamp Angel, Terror, Tramp's Terror, True Blue, Tycoon, Union, Union Jack, Unique, Victor, Victoria, White Star, XL, XLCR, Young America.

This list of 116 names does not include the "Standard" series of Marlin or some others which normally show the maker's name. However, it includes names of arms produced by well-known makers, such as Remington (Iroquois), Forehand and Wadsworth (Swamp Angel and Terror), and Lee Arms Company (Red Jacket), if examples are known from which the manufacturer's name was omitted. Other trade names, such as, OK, Eclipse, and Brownie, were employed on other types of arms, but these are not a part of our present considerations.

The same patent date may appear on two or more "Suicide Specials" which are identical except for the trade name stamped on the barrel. This implies that Bulls Eye, for example, may have been produced by the maker of Scout. This is mere speculation, however, because the inventor, the manufacturer, and the distributor cannot be presumed to be the same person or organization. Three, or even more, different parties may have been involved in a single model.

The patent dates stamped on these revolvers are commonly 1875 or later, although dates as early as 1871 occur also. Patent Office records can be traced—presuming sufficient time and inclination—and the names of inventors discovered, but the practice of assigning patent rights prevents accurate knowledge of the manufacturer. Patents were issued to F. W. Hood, E. S. Laycraft, A. L. Sweet, and L. Ybarra, among others. But of these four names, it seems that only Hood was actively associated with a manufacturing concern, namely the Hood Fire Arms Company, Norwich, Conn. Some of the inventors may have been employees of the firms that fabricated these arms. The fitting together of such a puzzle will be difficult, however, because the parts of several puzzles seem to be intermixed and some parts of each puzzle have been lost.

Among the arms-collecting fraternity one question is likely to arise. Should these "Suicide Specials" be included in a representative collection of American arms? Logically it is difficult to exclude them. Some are quite rare, Bulls Eye, for example. Others, such as Blue Jacket, are rather common. Some are fairly well made, whereas others are too poorly constructed to be fired with complete safety even when apparently in good working order. The author has restricted his collection to a few of the rarer and higher quality arms of this category, and only examples in almost new condition. On the other hand, when the author visited the Milwaukee museum several years ago, the famous Nunnemacher collection included a significant number of these revolvers.

The "Patriot" has rubber grips and "Pat. April 23, 1878" stamped on the barrel

Modern Combination Guns

(Continued from page 17)

it is necessary to push up a small lever mounted on the left side of the action. If this lever is pushed down, it is the big rifle which is ready for action. The rifle barrels are soldered together in such a way that one sight may be used for both, the big rifle at 100 yards and the small bore at fifty.

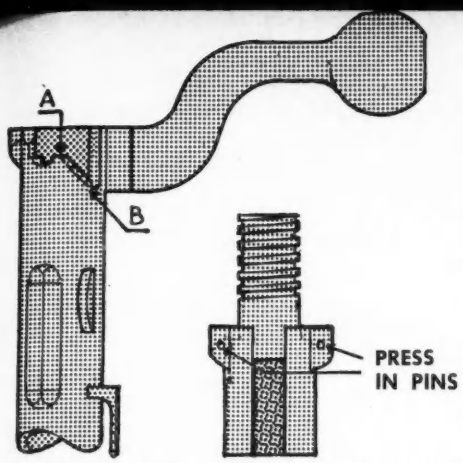
One of the latest types of guns for any combination of shot and rifle caliber is an over and under gun and rifle having a thin rifle barrel between the two other barrels on the left-hand side. This barrel is chambered for the .22 Long Rifle or the *Vierling* cartridge. One lock fires the shot barrel and the other the two rifle barrels with a changing lever on the top of the grip and with Greener safety. One type of gun that greatly appeals to me is a double hammerless shotgun with a tiny rifle barrel for the .22 Long Rifle cartridge placed close up under the shot barrels.

Personally, I would say that a good three-barrel combination with one rifle barrel to shoot a small game load and the two shot barrels for the Brennecke slug would take care of any game usually met.

To American sportsmen having acquired such European combination guns or even sporting rifles for which they cannot obtain suitable ammunition, it may be of interest to know that the Norwegian firm: A/S Norma Projektilfabrik, Radhusgaten 5 B, Oslo, Norway, can supply cartridges like the 8 x 57J, the 8 x 57JR, the 9.3 x 62, and the 9.3 x 74, and later on probably the 8 x 60 rimless also. The cartridges have rustless primers and modern progressive-burning nitrocellulose powders and are loaded to the standard velocities with two different weights of "gilding metal" jacketed bullets.

Enfield Speed Lock

By RAY HEIDRICH



First step in making a fast Enfield action is to recut the cocking cam, A-B. Last is pinning the sleeve to the bolt

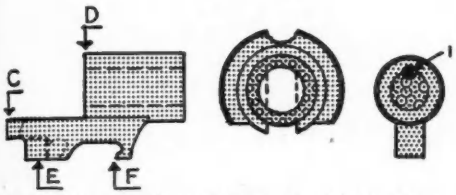
USED EITHER "as issued" or after being made into sporters, .30 caliber Enfield rifles have proven sturdy, reliable arms. But there is one major complaint about the action: That the closing of the bolt in loading is clumsy and awkward, requiring a physical exertion that is not conducive to fast and efficient handling of the gun in hunting. The amount of play in the bolt sleeve, and the fact that the gun cocks upon closing the bolt, makes a hard, swift motion necessary.

This shortcoming can be remedied by careful work of a home mechanic. I must emphasize that the job requires a bit of mechanical ability, and care in fitting is a basic necessity. But there is one compensation to the method described below: No welding of the bolt and cocking piece, nor milling for a new safety cut, is required, as is necessary in some other methods.

The main necessity in this alteration is a bolt spring of great compression. I had special springs of high tensile strength wound and heat-treated which compress from a length of seven and one-half inches to approximately three and three-quarter inches.

The first operation is to recut the cocking cam on the bolt. The dotted line A-B shows the alteration. Be sure to bevel the recut cam as it was originally. Leave enough metal at point A to form a keeper for the cocking piece when the action is open.

Operation number two is to fit the cocking piece in the bolt so there will be no slack when the firing pin is down. This is done by cutting back the cocking piece at D until C just clears point B. Then cut back the cocking piece at E until the bolt picks up the sear on its downward motion upon closing and does not require pushing forward by force.



Cocking piece is cut back at D and at E, until D just clears point B and E picks up sear upon closing of bolt. Bolt sleeve lugs are cut out as shown by dotted lines. Firing pin and cocking piece are locked with an Allen set screw

The next step is to drill out the bolt sleeve lugs, as shown by the dotted lines in the head-on view of the bolt sleeve, to let the firing pin rotate. Then assemble the firing pin and the cocking piece and drill 3/16-inch deep for a 10-32 tap. Lock this with an Allen set screw.

Next, cut back the sear at J. Then top the trigger for a 4-40 screw. Be sure this screw rests against part K. Also, drill and tap the sear piece for a 4-40 screw for the spring which holds the trigger against its rear cam, I. Also, grind off cam H.

Locate the trigger adjusting screw, L, so that it bears on the side of the sear as shown in the side and top view of the receiver. Position this adjusting screw directly over H.

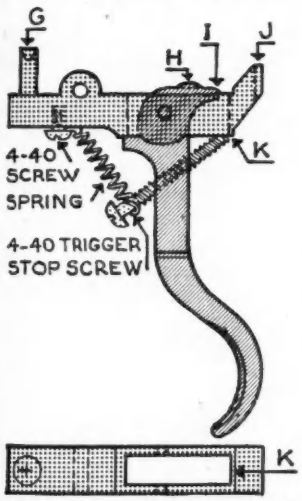
Last, drill and press in pins. Assemble the bolt sleeve and the bolt, and dress pins until bolt closes. Be sure there is no slack in the bolt sleeve in the rifle when the bolt is closed.

Final assembly: Put the bolt in a vise, insert firing pin, slide heavy spring over pin and into bolt. Push bolt sleeve "on," rotate engaging threads in bolt, and screw up a firing position. Line up cocking piece and firing pin holes, and lock securely with a 10-32 Allen screw.

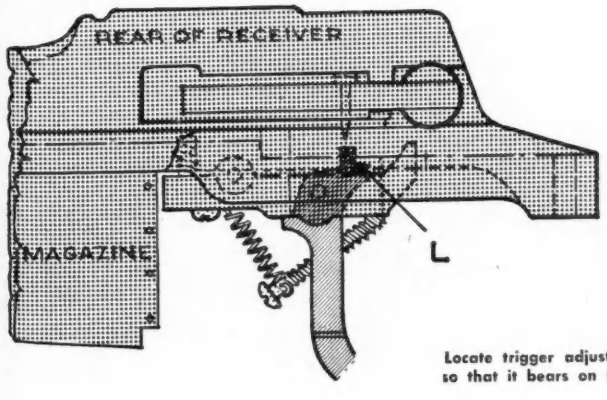
Assemble the other parts and dress off G if necessary. Stone the sears to adjust the trigger pull. Set the trigger stop screw and stone F until the safety works as it did originally. *Be sure it goes all the way to back position.*

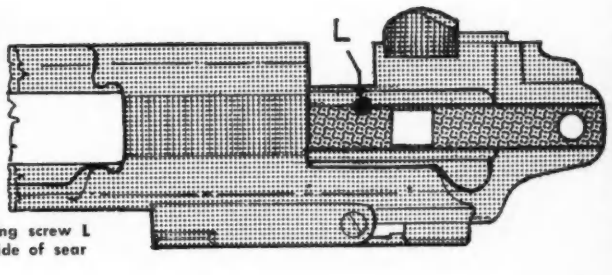
If these instructions are followed and the bolt sleeve and cocking cam adjustments are carefully fitted, the job will give you a speed lock and an adjustable trigger pull second to none. The firing mechanism will have a very short and fast fall, approximately 19/32 inch.

I have changed a few Enfields like this, and customers say shooting it is just like shooting a 52. Maybe so. Anyhow, here is the conversion. ◆ ◆ ◆

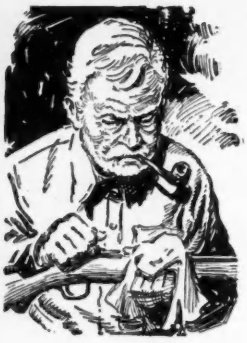


Sear is cut back at J and trigger and sear piece tapped for 4-40 screws





Locate trigger adjusting screw L so that it bears on side of sear



The Old Coach

SQUEEZING THE TRIGGER

As a kid with my first rifle, I had to learn how to pull the trigger without yanking and flinching the hard hunt-and-seek way—and offhand, too, don't forget that. So it was with all of us older riflemen. There was no concept of trigger squeeze such as we have today, a factor in the teaching of rifle marksmanship that has raised the percent of Armed Forces rank-and-file qualifying as Marksman or better from thirty-three to 'way over ninety. Today it is commonly recognized that proper trigger control is the foundation of all good rifle shooting. Of course, there are a lot of present-day fair-to-good riflemen worthy of the name who don't use any system of trigger control. Many "deer hunters" have never heard of it—they are the "born riflemen" we hear about—but the only reason these fellows are successful in the game field is because they have worked and studied months, even years, to gain their creditable skill. For you, there need not be such a long hard road. Today the way is paved and lighted. By following a proven method of learning trigger squeeze, you can progress farther in days than we old timers did in weeks.

With the untrained, the usual method of pulling the trigger is to align the sights on the bullseye and when they appear to be right to give it one wild yank. The sight picture is right when the yank is started, but something happens. Instead of being a ten, as the sight reported, the shot is a three or a complete miss. Because of this yanking and flinching, many a would-be rifleman never gets beyond the tin-can stage.

Flinching is popularly supposed to be caused by recoil and blast, yet many of the worst flinchers acquire the habit when shooting a .22 caliber rifle that has no noticeable recoil. However, if and when his rifle fires unexpectedly and unknowingly, this self-same flincher doesn't flinch. There is but one reason for this. Flinching is nothing more than the result of a wild grab at the trigger made by the shooter in an effort to fire the rifle at a certain instant. This can be easily demonstrated by slipping an empty rifle to a confirmed flincher. He will flinch, not from recoil or muzzle blast but because of his misguided idea that he can do the impossible. To prevent flinching, a steady pressure must be applied to the trigger while the shooter aims and holds so that the rifle fires suddenly and unexpectedly. Not knowing just when the rifle will fire, the shooter has no reason to become tense and flinch.

Assuming that you have never fired a rifle but have recently purchased or been given a good small bore, your first inclination is to rush out and "try" that new rifle. Our suggestion is—Don't. Don't risk gathering a lot of bad habits. Learn proper trigger control first. To do this I suggest that you first fire with an empty rifle over a rest. (It is always wise to place a fired case in the rifle when doing this.) The rest may be a table on which to place the arms, a chair or box to sit upon, and a bag of sand or roll of blankets to lay the rifle over. Or you can practice on a mat in a prone position, resting the rifle over a sandbag or some similar object. Place an indoor small-bore target thirty to fifty feet away, in good light, as a sighting point. After getting in a comfortable position—with an empty rifle remember—place your first finger on the trigger at the first or second joint, whichever fits better. Press gently on the trigger, not hard enough to snap the hammer but so you feel the trigger snugly. Now aim your sights at the bullseye: If using a post front, hold at lower edge of the black bull; if using an aperture, circle the bull. As you aim, start pressure on the trigger while concentrating on your aim and hold. Gradually increase this pressure until the rifle snaps. If possible, get some experienced shooter to check the manner in which your finger rests on the trigger. As you practice, try to observe the exact point on the target where the front sight is when the rifle snaps. This is known as "calling your shot." If and when you can call your shot, you will know that you are making progress. Continue this "dry firing" until you can concentrate on aim and hold, at the same time maintaining the necessary steadily increasing pressure on the trigger. When you can do this—still on the rest—start in with live ammunition. Never use the magazine. Load each round only when ready to fire. With the loaded rifle proceed as with the empty rifle. Pay no attention to where the bullets hit so long as they land on the face of the target; forget all about the bullseye and a score. What you are trying to do is press the trigger so that the rifle will fire unexpectedly. When it fires unexpectedly, the bullets should form a sort of group on the paper. If they do, you are progressing. If they don't, you must know that you are flinching and yanking the trigger. There is nothing to do but start over again.

In pressing the trigger on the average good small-bore rifle there is no slack or takeup. Because of this, many top small-bore shooters hold what pressure they have on the trigger if and when the front sight swings off the ten-ring. When the sight swings back into the ten-ring, they continue the pressure on the trigger. Never do they attempt to guess when the hammer will fall and try to let off the trigger at that instant.

When shooting the .30 caliber rifle, Springfield, Enfield, or Garand, which have the military safety slack in the trigger, follow the method taught in the Army and Marine Corps. In brief this is: After getting into a comfortable position and as soon as the finger takes command of the trigger, put on pressure enough to take up all slack and part of the pull. Then, while aiming and holding, carefully increase the pressure until the rifle fires. Continue your practice over the rest until you can shoot scores up into the nineties. Then it is time to start firing from the prone position.

Stay with the prone position until you again can shoot scores of ninety-five or better before trying sitting or offhand. You are training to be a qualified rifleman. Forget scores. Learn to press the trigger, learn to hit the paper. Every great writer, athlete, or statesman has had to serve a hard period of apprenticeship. There is no money or medals for the apprentice. And no great book is written, no great speech is delivered, no championship is won without apprenticeship. If you are willing to read, study, and work you can succeed. If you expect to rush into a gallery, snap off a few shots, and carry away a bag of medals, you better forget shooting. It isn't done that way on the rifle range, the golf course, or the football field. The small-bore rifle prepares you for the .30 caliber. It will make of you a game shot worthy of the name. But you will never be any kind of a rifle shot until you first learn trigger squeeze. ◆ ◆ ◆

THE SPOTTING SCOPE -- February 1948

Dependent upon favorable action by Congress on the National Match appropriation, dates of the 1948 Camp Perry championships probably will be: August 8-14 for pistol; August 15-28 for .30 caliber rifle; August 29-September 4 for small-bore rifle.

Expressions of interest by American shooters in U. S. representation in the Free Rifle Competition at the 1948 Olympics August 2-6 at Bisley, England, has caused the Olympic Rifle Committee to change its stand. . . . Tryouts will be announced to determine the three-man U. S. Free Rifle Team. . . . Course of fire will be prone, kneeling, and standing at 300 meters on the International Ring Target.

San Francisco shooters and the NRA are watching developments after Supervisor Chester R. MacPhee proposed to the Board of Supervisors stringent control of all firearms. . . . According to the S.F. Examiner MacPhee said, "No one should have a gun unless he has a legitimate use for it."

Ten cities have made bids to be hosts for the 1948 National Skeet Championships. . . . Final selection should be announced within a month. . . . The big event will be held in September or October, following the Grand American Trapshooting Championships now definitely slated for August 23-28 at Vandalia, Ohio.

The NRA Competitions Section reports that entries—both teams and leagues—in the 1947-48 Gallery League Championships were far ahead of last year's record even before final closing date. . . . The totals are: 87 rifle leagues with 659 teams; 21 pistol leagues with 141 teams.

Fact Finders Associates, of New York, recently conducted a survey to learn the facts of gun interest on the part of visitors to the recent Detroit Congress Sportsmen's and Boat Show. . . . Tabulation of 1004 questionnaires showed that 45 percent owned rifles or shotguns, 13.3 percent owned handguns . . . 23.2 percent belonged to a shooting club. . . . In hunting, 73.8 percent preferred upland game shooting; 47.3 preferred big game; 44.4 percent like duck hunting. . . . In the target games, 24.3 percent like the rifle; 14 percent shoot handguns; 15.9 percent and 14.2 percent favor trap and skeet, respectively.

Canada has broken long precedent in the establishment of the New Dominion Wildlife Service, auguring closer co-operation with U. S. conservationists. . . . Popular wildlife veteran Harrison F. Lewis, who will serve as chairman of the opening session of the 13th North American Wildlife Conference in St. Louis in March, is in charge of the new Canadian program.

Smitty Brown, back on his feet after a seven-month illness, reports new high entries in his National Mid-Winter Pistol Matches at Tampa March 9-13—and a new high prize list. . . . The event probably will hold Olympic Tryouts and a concurrent Instruction School. . . . The NRA has just registered the Flamingo Open Pistol Matches to follow at Coral Gables March 17-20. . . . Rounded out with the National Mid-Winter Small Bore event at St. Petersburg, the Florida grapefruit circuit is back on a prewar scale. . . . West Coasters can look to the big Desert Cavalcade Internationals, March 6-8, at Calexico on the Mexico-California border.

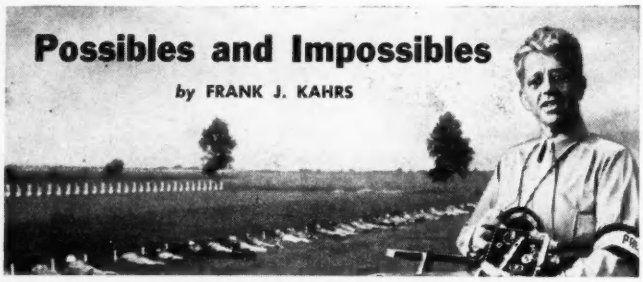
England, trying to equip its Olympic shooting teams, is scouring the American market for .22 caliber semiautomatic pistols for use in the man-target match. . . . Europe's manufacturers are not producing them.

Ray Stann

A PAPER FOR PEOPLE WHO SHOOT

Rifle

VOL. 11, NO. 2 BRIDGEPORT, CONNECTICUT, FEBRUARY



Possibles and Impossibles

by FRANK J. KAHRS

We have been taking friendly cracks at the old boys from time to time and with pretty good results, too, because we hear occasionally from some of our old friends with interesting episodes. In that category, we have one from "Grandpaw," better known as "Pappy" to all of his friends in the City of Angels, and it is too good to bury, so we give it to you as received, believing that all of the readers of the column will get as much of a kick out of it as we did:

"By cracky, I read that thar effusion of yours in the last issue of the 'Rifleman' about that imaginary old bird shooting an imaginary 400 x 34. Why, I've got that old cuss skinned a mile! Old and decrepit old highbinder that I am, I can actually do those things—nothing imaginary about it. I'm an old toughy, I am . . . toughy, that is. And I can prove it, by gosh.

"This is no idle boast, old pal—but I'd better tell you what it's all about, so here goes. Several weeks ago a young man came into my hole-in-the-wall and persuaded me to purchase his practically new Model 37 (yes, it was a REMINGTON). That same afternoon one of my cronies came along and wanted me to go to the rifle range with him, which I did, taking along this said 37 for tryout purposes. First rattle out of the box, I made a possible with 35x's over the Dewar Course, having 18 x's at 50 and 17 at 100 with a nice fat 10X on the bottom bull at 100. Now, that's not all of it, brother. Last Thursday I again visited the range, and came in with a 50 meter possible with 34 x's, which, while unofficial, of course, seems to tie the National Record. Now, dang it, take that in your pipe and smoke it."

* * *

Sometime back I took a few "shots" at a Range Officer friend of mine on the West Coast and a rifle range where a big shoot was held, deploring the lack of covered firing points, trees, benches and a lot of things. I got a rise all right and I had to make a quick retreat back to the trenches because they took quite a few pot-shots at me for all this. However, my Range Officer friend took the whole matter in his stride as I knew he would.

Now he comes back and says, "As regards your remarks about holding a shoot out on the desert, the trouble with you people back there is that you think that cactus is a bush, when it is actually a desert tree. We are on the trail of a deal that will interest you. The lease has already been taken on the land by the club and will have a 30 caliber range of 12 targets with room for 20 more up to 1000 yards. There will be a small bore range and at least 100 targets. There will be a pistol range with 100 targets on the same place with the small bore. We also expect to have skeet and trap installations, but the part that will interest you the most, as a hotel veranda shooter, is the restaurant, hotel accommodations, swimming pool and horses available for horseback riding. In this latter deal you will not be interested because you could not stick to one if you were strapped on. Now this is no pipe dream and the range will be located within one hour's drive from San Francisco."

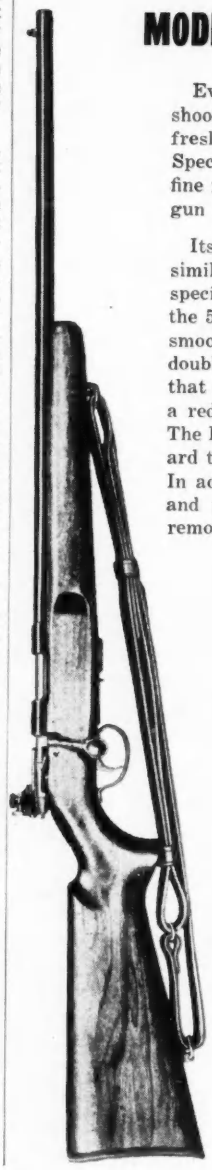
Then he winds up with an optimistic note to the effect that if things go well, they anticipate opening up the range late this year and the 30 caliber late in the Spring. He then takes a nasty crack at me, for which I hate him, when he says, "At least it is something to talk about back there where a 30 caliber rifle goes through five states with one firing." But the funny part of it is he's right, because I can leave my home here in Connecticut and drive about 400 miles and cross seven states, plus the District of Columbia, the same day, and you can't do that in the West.

REMINGTON FL
INDOOR SHO

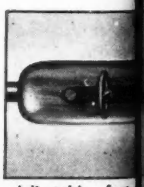
MODEL 521T "JUNIOR SPECI

Every season there's a fresh crop of y
shooters aching to get started, and to vi
freshman honors. The Remington 521T J
Special is a honey of a rifle for beginners. I
fine match rifle features on a junior scale—a
gun for precision shooting in all positions!

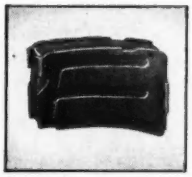
Its special match target stock is built to a d
similar to the famous Remington Model 513T
specially sized for junior shooters. The trigg
the 521T is corrugated, and a separate sear
smooth, crisp pull. The self-cocking bolt
double-locking lugs provides correct head-sp
that means years more of accurate shooting.
a red firing indicator shows when rifle is co
The Remington 521T comes equipped with a s
ard target sling of one-inch, high-quality le
In addition, the 521T is a great gun for hu
and plinking when the target shooting di
removed from the rear sight.



Micrometer rear sight with quarter-minute click adjustments for windage and elevation. Patridge type blade front sight.



Adjustable front swivel helps ri
long and short
juniors, aid correct
tension and locati
different target sh
positions.



Detachable magazine box holds six cartridges. Feeds each cartridge in a straight line, no tipping, no jamming.

Muzzle is double c
sunk. 25-inch, rou
pered barrel is rif
fine accuracy.

*Rangemaster, Targetmaster, are Reg. U. S. Pat. O
Remington Arms Company, Inc., Bridgeport 2,*

Remington News

PORT, CONN. FEBRUARY, 1948

First Class Reading Matter for Rifle and Pistol Shooters

WEATHER:
NEVER BETTER - - FOR INDOOR SHOOTING!

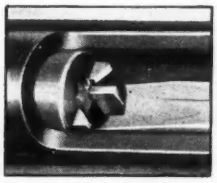
N FLES POPULAR AS SHOTING ACTIVITIES INCREASE

MODEL 513T "MATCHMASTER"

Smallbore shooters like everything about the moderately priced Remington Model 513T—its superb accuracy, heavy match barrel, target stock, micrometer sights, speed action, adjustable front sling swivel—all the famous Remington features.

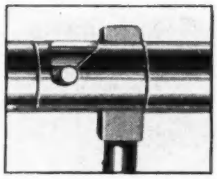
The Model 513T, patterned after its big brother, the Model 37, reflects precision workmanship from butt plate to muzzle. And while it is built for fine accuracy, it is also built sturdily. It can take it.

Many riflemen first got acquainted with this close-shooting rifle during the war, where it was used for sub-caliber shooting in training courses.

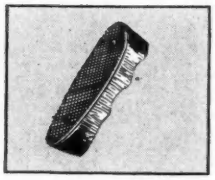


Double extractors provide positive extraction, ejection. Straight-line feed eliminates jamming or bullet shaving.

Sturdily constructed working parts and convenient safety. Red warning dot shows when safety is off.



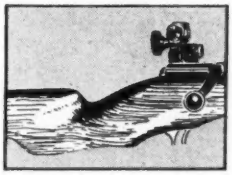
Double locking lugs provide correct head-spacing and assure safe shooting as well as extreme accuracy.



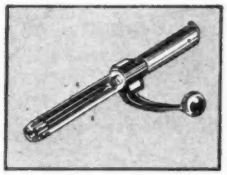
Sharply checkered butt plate fits snugly against the shoulder. Holds stock steady, aids control.

Although our production of sporting firearms is at peak capacity, it is still impossible for us to completely fill the pent-up demand for Remington guns. We are doing everything we can to catch up. And we sincerely hope that you won't have long to wait before your choice of a fine Remington rifle is available.

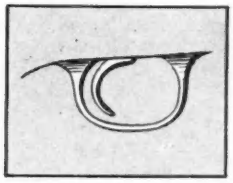
MODEL 37 "RANGEMASTER"



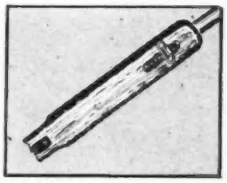
Specially designed stock, full-fashioned; with high, thick comb, close pistol grip.



Strong heat-treated action. Double-locking lugs. Double extractors, shrouded bolt.



"Miracle Trigger" has smooth, sharp, crisp, lightning-fast let-off. No drag or creep.



Wide, long beaver-tail fore-end for steady holding. Has adjustable front swivel.

Wherever the hotshots gather, you'll find the Remington Model 37 in action. And for good reason! This rifle fulfills all requirements for match accuracy in all positions. Besides the features pictured here, the famous Model 37 has a specially rifled 28-inch barrel — heavy — semi-floating — double countersunk at muzzle. The sensational "Miracle Trigger" has no back lash, no perceptible movement, and is quickly adjustable for pull. The action is as fast as any ever made for a bolt action arm. Head space is held to extremely fine tolerances.

Several different iron sight combinations are available, including the immensely popular team of Remington micrometer rear sight with ¼ minute clicks and Redfield front sight (with seven inter-changeable inserts). Adjustable extension mounting block is supplied with rear sight. Another important advantage is the single sighting plane. You use iron sights or telescope with your cheek pressed against the same spot on the comb of the stock.

MEETING OF NRA DIRECTORS

The Annual Business Meeting of the Board of Directors of the National Rifle Association will be held on Friday, February 6, 1948, as provided in the by-laws of the Association. The purpose of this meeting is the election of officers for the ensuing year, and the consideration of such other business as may properly come before the Board.

A meeting of the Executive Committee will be held on February 7.

NRA BANQUET FEBRUARY 6

Members, club officers and their friends in the vicinity of Washington have been invited to attend the 77th Annual Dinner in honor of the NRA Directors at Hotel Statler in Washington, Friday, February 6, 1948, at 7:00 p.m. A new record attendance is expected. Guest speaker of the evening will be the Army's new Chief of Staff, General Omar N. Bradley.

A few tables have been set aside for out of town guests not included in the general invitation mailed to nearby members. Reservations for Banquet tickets should be made to the Association by telegraphic money order with directions to "hold ticket for arrival." Banquet tickets (Reception included) are $8.00 each.

CAMP INSTRUCTORS NEEDED

The NRA club lists include nearly seven hundred summer camps for young boys and girls taking an active part in the Association's junior rifle marksmanship program. Some of these camps are of the institutional type—Boy Scout, YMCA, etc.—but the majority are privately owned. Because of a considerable turnover in personnel and also because each year many camps newly institute a rifle program, there is a large demand for experienced men and women as camp rifle instructors.

To aid Camp Directors in finding well-qualified individuals to supervise this activity the NRA several years ago established its Camp Instructors Placement Service. A file of prospective instructors is maintained and made available to Camp Directors. The Service, however, does not act as an employment agency and all final arrangements are worked out between the applicants and the Camp Directors.

Most camps open during the last week of June and close about eight weeks later. Varying salaries are paid, including room and board. Some Directors expect applicants to assume additional camp duties such as acting as a cabin counselor. Most camp schedules are so arranged that the adult leaders have free time for their own pleasure in such things as fishing, swimming, boating, riding and other outdoor sports.

Camp Directors prefer to employ persons who have had some experience and have a natural inclination to work with youngsters. A few positions are usually open to young men and women between the ages of 18 and 21, although most camps prefer all their staff members to be over 21. Women rifle instructors for girls' camps are particularly needed.

Any NRA member who feels he or she has the proper qualifications and who will be available during July and August of the coming summer can obtain Placement Service application forms by request from the Camp Section, Club Activities Division, NRA Headquarters, 1600 Rhode Island Avenue, N. W., Washington 6, D. C. Such requests should be sent as early as possible.

ENFIELDS BEING SOLD BY DEALERS

Numerous inquires are being received from NRA members concerning newspaper advertisements which have appeared in Chicago and other cities offering U. S. Rifles, caliber .30, Model 1917 (Enfields) for sale over the counter. Members usually want to know how it is possible for dealers to obtain enough Enfields to advertise for sale in this fashion while members of the NRA have had to wait weeks and even months to have orders filled through the Director of Civilian Marksmanship.

The answer is that the British Government is apparently selling back to American dealers the Enfield rifles which were given to the British by our Government to equip the British Forces immediately following the Dunkirk evacuation. We have been informed, but have no official confirmation, that some British .303 Enfields are probably also included in this arrangement. The operation is one over which the War Department, the Director of Civilian Marksmanship, and the National Rifle Association has no control. It is apparently a part of the general effort of the British to obtain badly-needed American dollar exchange.

BUSTIBLE TARGETS

In the advertising section of this issue is a display ad on the new "Bustible Bullseye Target." Look it over carefully. Breakable plastic targets are something new in shooting and they open up an almost unlimited number of new ways to add interest to shooting events.

Whenever shooters gather to talk over what can be done to liven up rifle and pistol shooting, the first proposal is always a "target that breaks." Not only is this the most frequently made suggestion for added competitor and spectator appeal but it is a most reasonable one. Everybody likes to see his target break and know immediately the result of the shot. The game has needed a really good breakable target for a long time. It's here now and those who have tried it pronounce it "tops."

Targets somewhat similar to these have been available before. However, the former wood or clay targets were limited in their utility, difficult to use, and expensive. None of these defects are present in the "Bustible Bullseyes." A new wire hanger plus the hole through the target provides means of attaching the Bullseyes to almost any surface.

Dealers in sporting goods, hardware and shooters' supplies can arrange to stock the new targets.

CHARLES ASKINS, SR., DIES

Major Charles Askins, Sr., 87, sportsman, and one of the country's outstanding authorities on shooting, died at his home in El Paso, Texas, during the early part of December, 1947. He was buried in the Military Cemetary at Fort Bliss.

Major Askins for many years was a leader in all phases of the gun field both as a participant and an author. He wrote two books, *Modern Shotguns and Loads* and *The American Shotgun,* and numerous articles on guns and gunning. Until recently he was Shooting, Editor of the magazine, "Sports Afield."

From March 15, 1922 to May, 1931, Major Askins was the "Dope Bag" editor of THE AMERICAN RIFLEMAN. In addition, the late octogenarian contributed many stories to THE AMERICAN RIFLEMAN and its predecessor, *Arms and the Man.* Perhaps the most famous of which was "Shorty Horse," which first appeared in September, 1926, and was republished in August, 1942.

With the passing of Major Askins the shooting world has lost one of the greatest practical field shots of all time, as well as a prolific and authoritative writer.

NATIONAL RIFLE ASSOCIATION:

Headquarters Staff

MAJ. GEN. M. A. RECKORD, *Vice-President and Treasurer*
C. B. LISTER ..... *Secretary and Exec. Director*
L. Q. BRADLEY, *Asst. Treasurer and Membership*
J. R. LENT
F. L. WYMAN, *Asst. Secretary and Club Activities*
F. C. DANIEL — T. W. CHILD
GEORGE KUCH — J. H. FAUNTLEROY
C. R. ROGERS
MAJ. GEN. J. S. HATCHER, *Asst. Secretary and Technical*
EDWARDS BROWN, JR.
A. H. BARR — J. S. ROSE
R. J. STANN ..... *Public Relations*
P. B. CARDINAL — R. L. REISH
JOHN SCOFIELD ..... *American Rifleman*
J. A. HARPER
E. M. CHASE ..... *Cashier*

Field Representatives

Southwestern ..... Ray Whitaker, 310 Tuloma Bldg., Tulsa, Oklahoma
Midwestern ..... Dow Smith, Orpheum Theatre Bldg., Elkhart, Indiana
Southeastern ..... Fred Molt, P. O. Box 7466, 125½ College St., Asheville, N. C.
Washington Metropolitan ..... C. L. Floyd, 1600 Rhode Island Ave., N. W., Washington, D. C.
Far Southwestern ..... Lee Echols, Medico-Dental Bldg., Room 101, 3rd & A Streets, San Diego, Calif.
Northeastern ..... E. F. Bridgman, Room 408, 175 State Street, Springfield, Mass.

Rules Committees

.30 Caliber Committee

Gen. Courtney H. Hodges, USA ..... Fort Bragg, N. C.
Maj. Gen. Julian Smith, USMC Retd. ..... Alexandria, Va.
Rear Admiral M. C. Mumma, USN Retd. ..... Berryville, Va.
Maj. Gen. M. A. Edson, USMC ..... Vermont
Col. Paul J. Roberts ..... New Haven, Conn.

Small Bore Committee

Thurman Randle ..... Dallas, Texas
Frank T. Parsons, Jr. ..... Washington, D. C.
Russell I. Wisler ..... San Francisco, Calif.
Ransford D. Triggs ..... Madison, N. J.
E. O. Swanson ..... Minneapolis, Minn.

Pistol Committee

Karl T. Frederick ..... New York, N. Y.
Arnold Meloche ..... Pheonix, Ariz.
Marvin F. Driver ..... Detroit, Mich.
Maj. Gen. M. A. Edson, USMC ..... Vermont
Emile Dutil ..... San Francisco, Calif.

Tournaments . . .

Each month THE AMERICAN RIFLEMAN *will publish the highlights of registered tournaments. It is the desire of the editors to cover newsworthy returns from as many registered tournaments as possible. In order to make this feature complete, the editors request that all registered tournament sponsors write a short review of their tournament and mail it to NRA Headquarters immediately after the staging of the matches.*

☆ ☆ ☆

The First Annual Fall Indoor Small Bore Rifle Tournament, sponsored by the Des Moines Rifle and Revolver Club, was fired on December 6 and 7, 1947, with 75 competitors attending. The indoor tournament was made up of matches at 50 yards and 50 meters. John Moschkau won the Iron Sight Aggregate with a score of 799-55. Kyle Snowhill outranked Ralph Travis for first place in the Any Sight Aggregate with 800-69. Kyle's 400-34 set a new National Record over the Gallery 40 shot Fifty Meter Any Sight course of fire. He topped Chris Westergaard's old mark by five "X's." Junior Larry Pillepich established a new Junior Record in the same match with 400-32.

☆ ☆ ☆

Apologies are due Miss Audrey Bockmann and Miss Eleanor Dunn for not making mention of their new Women's Record of 799-69 in the Doubles Match (40 shots at 50 yards, Any Sights), fired in September at the Wynocki Valley Rifle Championships, Midvale, New Jersey.

☆ ☆ ☆

The pistol shooters' "Grapefruit Circuit" will open for action this year with the National Mid-Winters scheduled for March 9 to 13 at Tampa, followed by the Flamingo Open Pistol Tournament on March 17 to 20 at Coral Gables. Smitty Brown has covered a long stretch of that "rough road" to recovery and has been well enough to take an active part in the promotion of the Tampa tournament. . . . The small-bore shooters will stage their National Mid-Winter Small Bore Tournament at St. Petersburg, March 3 to 7.

☆ ☆ ☆

The Commonwealth Edison Rifle and Revolver Club held its Fifth Annual Mid-West Gallery Pistol Championship on October 31 through November 2. Over sixty competitors fired under a new arrangement whereby shooters fire only against those of similar classification. H. W. Ickes took the .22 Caliber Aggregate with a score of 831, followed by W. E. Jones and J. J. Welch with 821 and 817 respectively. The three stayed in the same order for the Center Fire Aggregate with scores of 822, 803 and 797 to give Ickes the Grand Aggregate and the Mid-West Gallery Pistol Championship with a score of 1659.

☆ ☆ ☆

Stuart C. Edmonds won the First Annual Gallery Rifle Championship conducted by the Multnomah Athletic Club in Hillsboro, Oregon. Edmonds won five of the six matches, dropping only the 20 Shot Prone Match to Russ Cornelius, who is also of the Portland Rifle Club. In the Grand Aggregate Match, made up of five "fired" matches, Edmonds dropped only 22 points for a score of 978 out of a possible 1000. Marion R. Green and Willis B. Miller fired 960 each for second and third place respectively. The big event of the tournament was the 20 Shot Prone Any Sight Match in which thirteen competitors turned in "possible" scores of 200. Russ Cornelius took the shoot-off after firing 148 additional tens.

☆ ☆ ☆

The National Rifle Association is building up its Registered Tournament Program to pre-war standards. The year 1947 was closed out with a total of 369 Registered Tournaments, a gain of 83 tournaments over the 1946 total of 286. Indications are that 1948 will swell this number considerably since there are already 80 tournaments scheduled. Tournament sponsors should keep this in mind and send in their applications for registration at the earliest possible date. This will insure getting a desired date without conflicting with other tournaments in the area. As mentioned in the December and January issues of the RIFLEMAN, the "Tournament Schedule" will be published on April 1. The schedule will list all registered tournaments for the entire outdoor season. A similar schedule will be published next fall for the Gallery Tournaments. To have your tournament registered and listed, application must be approved prior to March 1, 1948.

☆ ☆ ☆

A check of the records reveals that there are a number of affiliated clubs that have not fired for the Annual Club Champion Medal. The medal is given each year to every affiliated rifle and pistol club for the "Club Champ." The clubs have the privilege of picking the course of fire. When reports of these matches are received by the NRA, the medals are forwarded direct to the club secretary for presentation. In the event the winner is a person who has previously won the medal, he is awarded a dated ribbon bar in lieu of the second medal and the second-place man receives the medal for the current year. It is not yet too late to fire for the 1947 Club Championship Medal.

☆ ☆ ☆

The combined rifle and pistol clubs of Baltimore, Maryland, and Washington, D. C., are working together on a novel idea that should prove very interesting. These clubs are in the process of arranging an "Inter-City" Match which is to be held this spring. The team from each city will be made up of shooters representing the various clubs therein. Through the league activities in the two cities and the small Class C registered tournaments, the shooters know one another very well and picking the city teams is not a very difficult task. Seems as though several other cities in the U. S. could work out similar plans with their neighboring clubs. In the event there are tournaments of this type already "in the works," we would like to know about them so we could pass on the results.

☆ ☆ ☆

During the past year, there have been an increasing number of requests for information pertaining to the registration of small "Club Shoots." No matter how large or small the club shoot is, it is eligible to be registered providing the matches are conducted in accordance with the NRA rules. These matches may be restricted to just the club members or they may be opened to the general public. Actually there is no additional cost to the club for this registration. There is a twenty-five-cent registration fee per competitor paid to the NRA to cover the cost of the official referee and the cost of maintaining the classification records. By conducting tournaments of this type, the club members may gain official or temporary classification and avoid entering their first "Open" tournament in the Expert Class.

JUNIOR POSTAL MATCHES

As this edition goes to press we are able to announce the leaders among the 610 teams that are participating in the 1947-1948 NRA Junior Postal Rifle Team Matches. The scores represent the standings of the teams after the first of four matches to be fired. Final winners will be decided by the total accumulated scores at the conclusion of the final match, to be shot during the month of February.

In top spot among the Division A teams, firing ten shots prone and ten standing with the five high of ten team members to count, is last year's winner, the Glendale Post 3075 VFW Junior Rifle Club of Seattle with a team score of 953. The other teams placing in the first eight are:

2. Christian Brothers Academy, Albany, N. Y. 948
3. Glendale Post 3075 Team #2..... 945
4. B-24 Marine Detach. Jr. Rifle Club, Springfield, N. Y. 942
5. Penna. Military Prep. School, Chester, Penna. 923
6. Manhasset Musketeers, Manhasset, N. Y. 915
7. Maplewood Jr. Rifle Club, Maplewood, N. J. 914
8. YMCA Jr. Rifle Club, Ashland, Ohio 907

Among the Division B scholastic teams, with all firing prone ten shots per shooter, teams of the Munhall High School, Munhall, Penna., are in both first and second places with scores of 499 and 498 respectively. The Christian Brothers Academy team leads all military schools with 497.

Non-scholastic teams (Division C), firing prone, produced a tie for first place. Both the Glendale Post #3075 and the B-24 Marine Detachment Club fired scores of 499.

Division D is composed entirely of "cub" teams all of whose firing members are under fifteen years of age. Firing prone, the lead position here is held by the B-24 Marine Detachment junior riflemen.

Easier Sighting, Better Shooting

with the **NEW**

Dockendorff

Gold Crosswire Rifle Sight

For the first time, a front sight for rifles that combines the best features of accepted sighting principles. A natural for "plinker" or hunter, it works like a telescopic sight without costly magnification. Speedy, natural-centering, gold-alloy crosswires give better definition, a wider field of vision . . . no beads or posts to obstruct the view, no shadows or reflections to confuse. A sliding shutter on the sight tube, ridged for fast finger-tip adjustment, gives positive light control under any condition of light and background.

For use with adjustable-open or peep rear-sights . . . fits all types and calibres of rifles with standard ⅜" dovetail. Install it yourself, no special tools or skill needed.

If not at your dealer's, order from us. Send coupon for free booklet. **$5.75**

DOCKENDORFF & CO., INC.
ORONOQUE, CONNECTICUT

Dockendorff & Co., Inc., Oronoque, Conn.
Send me FREE booklet "Dead Center".

Name_____

Street_____

City_____ State_____

YOUR RIFLE
Deserves the Best!

Removes primer residue safely without ramrodding . . it's a must for perfect gun action lubrication . flows at 50° below zero! *Everything any gun needs!*

40¢
3 Oz. Spout Can
At Your Hardware or Sporting Goods Store

McCambridge & McCambridge
BALTIMORE · MARYLAND

Announcing

The NEW

FECKER 1¼ INCH

(REPLACING THE 1⅛")

- **23% more illumination**
- **top quality optics**
- **with the exclusive ¼ minute micrometer mounts.**

$70.00

Prompt Delivery

J. W. FECKER Inc.

2016 Perrysville Avenue Pittsburgh 14, Pa.

NOTICE

H & M TOOL COMPANY
has moved to a larger plant to better serve our customers

Our new address is

250 East Nine Mile Road
Ferndale, Michigan

★

Chamber reamers • Shell Resizers
Headspace gauges • Rifling Heads
Write for catalog

WILDCAT AND SPECIAL REAMERS MADE TO YOUR DIMENSIONS

GALLERY LEAGUES

With well over 100 leagues entered in the 1947-48 NRA Gallery League Championships, the nation's league shooting enthusiasts are experiencing their greatest gallery season in history. Schedules, programs and bulletins that poured into the NRA Office during January proved that the "50 foot boys" are battling all over the country with complicated handicap systems and jerky trigger fingers.

The end of the gallery season in April will find more shooters with NRA Gallery Classification Cards than ever before. When all of the scores are in the shooters who fired the required number of scores according to the NRA Small Bore Rules and the NRA Pistol Rules will be mailed their classification cards from NRA headquarters. Those shooters who were not able to fire the minimum number of scores required for the official classification card will have NRA Score Record books to establish their Temporary Classifications.

Tournament sponsors planning gallery matches are finding that the increased number of shooters classified on the basis of registered league scores makes for a more balanced group of shooters participating.

COMING EVENTS

The four classes of registered tournaments are indicated as follows:
AA—National Matches.
A—Regional Tournaments.
B—State Championship or large district matches.
C—Local Tournaments
Un—Indicates tournaments that are not registered.

Tournaments requiring Advance Entries are indicated by **Adv.** and tournaments that plan to limit the entries to a predetermined number are indicated by **Ltd.**

MARCH

6-8, California (B)—Desert Cavalcade Pistol. Calexico. Margaret Poindexter, 146 So. Sixth, El Centro. **(Adv&Ltd)**
9-13, Florida (A)—National Mid-Winter Pistol. National Mid-Winter Pistol Matches, P.O. Box 253, Tampa. **(Adv.&Ltd.)**
13-14, New York (B)—9th Annual 100 Yard Small Bore. Andrew S. Kreitner, 175 North St., Buffalo, 1.
13-14, New York (C)—Spring Gallery Rifle. Dr. Irwin N. Tekulsky, 168 W. 86th St., New York, 24.
13-14-21, Illinois (B)—Mid-West Gallery Rifle Championship. Clarence E. Zink, 8827 S. Leavitt St., Chicago 20. **(Adv.)**
17-18-19-20 Florida (B)—Flamingo Open Pistol. A. T. Kelley, Jr., P. O. Box 43, Coral Gables. **(Adv. &Ltd.)**
20-21, Iowa (C)—Indoor 50 Yard and 50 Meter. Des Moines Rifle & Revolver Club, Box 1395, Des Moines, 5. **(Adv. & Ltd.)**
20-21, California (B)—Pacific Coast Rifle Championship. Los Angeles, Gladys Rising, 600 N. Mayo, Compton. **(Adv. Ltd.)**
21, California (C)—San Francisco Police Monthly Pistol, Lake Merced. E. J. Dutil, 324-16th Ave., San Francisco.
21, Washington D. C., (C)—Monthly Gallery Pistol Tournament, Washington, D. C. T. G. Arnold, 5308—41 Place, Hyattsville, Md. **(Adv. & Ltd.)**
25, Pennsylvania (C)—Gallery Rifle Tournament, Somerton. Fenton F. Thompdon, 5527 Miriam Road, Philadelphia, 24.

STOLEN GUNS

One Enfield Rifle Eddystone, Serial No. 211406. Reward for return of rifle. Kenneth L. Wren, Hudson, Indiana.

Fifty-dollar reward for specific information leading to the recovery of custom converted Remington-Enfield .30-'06 Sporter Rifle, Serial No. 257170. Gunsmith's name carved under butt-plate—Earl H. Pepiot, Versailles, Ohio. Monroe's, 417 North Main Street, Piqua, Ohio.

One Winchester Model 75 .22 caliber rifle, Serial No. 26899. John Trummer, 29 Fort Greene Place, Brooklyn 1, New York.

DOPE BAG

Conducted by Major General J. S. Hatcher

Edwards Brown, Jr., A. H. Barr, J. S. Rose

Weaver's New K6 Scope • Worthless Custom Reloads • Custom Loads of 9 mm. Luger Good .25 Caliber Bullets • Custom-Made Bullets • Two New Freeland Stands • Pistol Shooter's Scope Stand • Micro Pistol & Revolver Sights • Double Targets for Gallery Ranges • Trade Dope • Book Reviews

WEAVER'S NEW K6 SCOPE

Weaver has been running up and down the power scale in new scopes so fast that it is difficult to keep up with him. Now he has hit six power in his new K6, which is built mechanically along the same lines as the K2.5 and the K4, all having the same tube diameter.

We have had one of the new Weaver K6 scopes here for test and feel safe in saying it is a fine job. It is not fitted with a target scope adjustable objective lens, but with the universal focus I got only ¼-inch parallax at 100 yards. At the longer ranges where the K6 will be used, the crosshairs remain glued on the target, providing you can hold well. (Personally, I had to clamp the scope and keep my hands off of it to determine this.) Optically, the scope is clear, with no image distortion even at the edge of the field. The K6, while not the usual choice for eastern deer hunting, is fine for those long-range shots across the valley or canyon. On those long-range shots, the extra power is going to help in sizing up a deer's rack, if any, or satisfying oneself that he has his crosshairs on a legal turkey.

The internal adjustments proved to be positive when checked, each click amounting to ¼ minute, or approximately ¼ inch at 100 yards. The K6 adjustments come in the click variety only, while in the K2.5 or K4 there is a choice of the friction lock screw or the click.

The standard reticule in the K6, as with the other K series, is a crosshair. Other reticules, including the post and crosshair, dot or rangefinder style, can be had at extra cost. The scope we tested happened to have the rangefinder reticule which consists of the regular crosshair with a fine horizontal crosshair six minutes of angle below the regular one. This works very well. Weaver has printed instructions on how to use this as a rangefinder and for aiming at the longer ranges to allow for bullet drop. In fact, these instructions include ballistic tables for well-known cartridges, which show the aiming point to be used on the reticule at the various ranges for each cartridge.

In my article, "Scopes for Big Game," in the September, 1947, isue of THE RIFLEMAN, I tabulated our test data for the K2.5 and K4 scopes. In this tabulation I gave the field of view for the K2.5 tested as 32.6 feet at 100 yards. The particular scope tested is not available now but there was something unusual about it or the test. Since then I have tested two other K2.5 scopes and the field of view of both was 39.5 feet at 100 yards.

R. A. Litschert seems determined to stay a couple of jumps ahead of Weaver on the power climb. He has already developed one of his "Targeteer" attachments for the K6 to bring it up to 8 power. The optics with the Targeteer on the K6 are good, and the objective sleeve, as on all of Litschert's Targeteer attachments, is keyed so that the objective does not rotate when adjusting for elimination of parallax. The Targeteer attachments differ from Litschert's "Varmint Master" attachments in that the latter are not keyed and the objective does rotate when focusing the objective. The Litschert attachments all have target scope graduations on the sleeves so that the appropriate setting can be readily found for various ranges.

The data which we have recently determined experimentally for the three K Weavers and the K6 with 8X Litschert Targeteer attachment is tabulated below.—E. B.

Weaver Scope Optics

Scope	Power	Field of view (feet at 100 yards)	Optimum eye relief (inches)	Exit pupil diameter (inches)	Diameter of unobstructed objective lens (inches)
K2.5	2.1	39.5	5.0	.38	.75
K4	3.7	25.5	4.3	.30	1.12
K6	5.4	17.0	4.2	.21	1.12
K6 with 8X Targeteer		12.5	3.9	.23	1.43

Scope	Outside diameter of eyepiece (inches)	Tube diameter (inches)	Weight without mounts (ounces)	Length when focused (inches)
K2.5	1.24	1.00	8½	10½
K4	1.35	1.00	9½	11⅜
K6	1.35	1.00	10½	13
K6 with 8X Targeteer	1.35	1.00	14½	16⅛

WORTHLESS CUSTOM RELOADS

Recently we have had a considerable number of complaints about worthless or even dangerous ammunition purchased from custom reloaders. The 8 mm. Mauser is a particular offender. We have had several complaints on this caliber. A recent example concerned some reloads of different calibers that were sent in to us as having been sold by Bob Dillon of Golden, Colorado. Only a casual inspection was required to disclose glaring defects such as bullets pushed in crooked, necks of cartridges pushed over to one side, necks partly torn open, primers sticking up above the base, and so forth.

Among excerpts from our correspondence are the following:

"I could not extract the cases from the chamber after they were fired."

"I got .30-30 ammunition from him and the loads looked so bad I was afraid to use them."

"I bought some of his reloads for my .303 British and they were very unsatisfactory and inaccurate. It is impossible to put them in a target at 100 yards."

"I purchased reloads from him and although I did not test them for accuracy there was a great amount of copper flaking in the barrel and I had much trouble closing the bolt on these cartridges."

We believe it is in order to warn our readers that in purchasing custom reloaded ammunition it would be wise to investigate the loader and be sure of the quality of his work before investing your money. The safest practice is to order handloads only from custom loaders who have established businesses and are known to do good work.

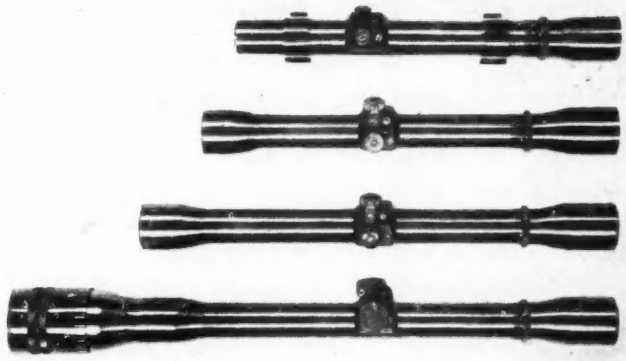
—J. S. H.

CUSTOM LOADS FOR THE 9 MM. LUGER

J. Bushnell Smith, of Smith's Custom Loads, Middlebury, Vermont, sent in some of his handloads for the 9 mm. Luger cartridge. They are made from .38 Special cases, with the head turned down and the case cut off to the correct length.

Smith writes, "I have been making these for some time, using 3.5 grains of No. 6, but the boys have kicked because these loads do not have enough 'poosh,' so I have tried 4.0 grains with the same bullets. I wish you'd try them if you have a chance and let me know what you think.'

Answer: Obviously, when the .38 Special case is turned down, and an extractor groove is cut to make it into a rimless case, it cannot be as strong as a regular factory-made rimless job which has a stronger head to allow for the groove. However, many handloaders are making 9 mm. Luger loads in this way. So far we have heard of no trouble other than an occasional split in the case near the base which lets out a little smoke, but other-



(Top to bottom) Weaver's K2.5 with Mashburn Mount rings, K4, K6, and K6 with Litschert 8X Targeteer attachment and Litschert adjustment protective caps

JOIN A RIFLE CLUB

Shooters are all good fellows . . . that's how they got that way. And, next to shooting, they like best showing a novice how to shoot. Clubs *want* new members. Join.

Join a rifle club and get some shooting . . . not four shots a year at game, but 400 or 4000 at paper targets. Make the four shots at game count. Keep your shooting eye sharp in club competitions. It's a year-round sport.

V. H. BLACKINTON & CO. Inc. ATTLEBORO FALLS, MASS.

"The Oldest Name in Military Insignia"

HAZE H. (SANDY) SANFORD
COMPLETE GUNSMITHING
Military Conversions to any Popular Caliber
13960 GRANDVILLE AVENUE DETROIT 23, MICHIGAN
Antique Firearms Authentically Restored
On and after APRIL 15th, we will be open for business at our new location, **CENTRAL LAKE, MICHIGAN**

JOHN HEARN
CUSTOM GUNSTOCKS
PRIMOS POST OFFICE BUILDING
PRIMOS PENNA.

- MILITARY CONVERSIONS -
Barreling . . . Stocking . . . Chambering
General Gunsmithing
Bluing ——— Plating
Write for price list
All work fully guaranteed.
POLLEY BROS.
2711 Inwood Rd., Dallas 9, Tex.

FINE RIFLES —Custom Built
CATERING TO CRITICAL RIFLEMEN
Pfeifer Custom Barrels for Varmint, Target and Long-Range Hunting Rifles, fitted to your actions. Satisfaction guaranteed. Write for prices. Courtesy service to gunsmiths.
BROWN & EDGAR
Custom Gunsmith Service
10320 Stagg St. Roscoe 3, Calif.

'SCOPE SPOT
DOT RETICULES for any 'scope. Perfectly round, accurately sized, exceptional strength. Weaver, Alaskan Texan 'scopes: King-Pike, Redfield, Weaver mounts: Litschert attachments. FREE FOLDER & price list.
T. W. STEIN 854 S. Washington BUTTE, MONTANA

GUNS OF DISTINCTION
CUSTOM CARVING of Real Beauty
Send for illustrated price list

New Carved Guns for Sale—
M-70 Winchester Springfield Sporters
Custom-Built Roy Weatherby Magnums.
ANTHONY GUYMON *House of Beautiful Guns* **BAKER, ORE.**

MAUSERS Rebarreled **$20.00**
30-06, 300 SAV.
New Sprfld. 4 Gr. Bls., Used
VALLEY GUN SHOP AMBRIDGE, PA.

AMMUNITION —
- 38-55, 32-40, 32 Spec. ——— $2.75 per Bx
- 38-40, 32-20 (Bx 50) ——— 1.00 per Bx
- High vel. or Reg. loads
- 9 MM Luger (Bx 50) ——— 4.50 per Bx
- 8 MM Mauser S. P. (Bx 20) ——— 1.00 per Bx

Many other custom loads. Write your needs. Loading supplies of all kinds. 50% deposit with orders please. Write for new & used Gun List.
COLD RIVER GUN SHOP Alstead, N. H.

$9.00 MERIT MELTING POT A REAL PRODUCTION UNIT

No dippers — No slag! Perfect pressure cast bullets! 400 to 500 per hour with single cavity mould! Use on gas stove or plate. $9.00 F.O.B. Shipping wt. 8 lbs. Send for Free Catalog 2 M.
6144 MONADNOCK WAY **MERIT GUNSIGHT CO.** OAKLAND 3 CALIFORNIA

MERIT OPTICAL ATTACHMENT FOR PISTOL SHOOTERS
Eliminates all blurring of sights and target. Gives "peep sight efficiency" for the pistol shooters. Adjustable aperture opens and closes easily. Fits all glasses in one second. Send for free folder 2 A.
$3.50

wise seems to do little harm. Accordingly, we have not hesitated to use such reloads, though of course we always wear shooting glasses "just in case."

We have tried these 4-grain loads of Smith's in the following guns: Short-barreled Luger, long-barreled Luger, German P38, Polish Radom, Belgian Browning G.P., and Spanish Astra. The functioning was excellent in all instances, though some of the recovered cases showed slight splits near the bases, as was to be expected.

The accuracy obtained with these handloads was fully equal to, or better than, that obtained with factory loads shot for comparison. As usual, the P38 was the best performer and the most accurate of all the guns, and gave the least apparent recoil and disturbance of aim. The two Lugers were next, followed by the Spanish Astra which, with its straight blow-back action, seemed to have more recoil but otherwise functioned well. The Radom, like all samples of this gun that we have tried, shot hollow groups, and seemed to have poor inherent accuracy. The Belgian Browning G.P., as usual, strung the shots up and down the target, both with the factory ammunition and the handloads.

Our impression is that these loads by J. Bushnell Smith are both well made and accurate, and are quite satisfactory for any gun chambered for the 9 mm. Luger cartridge.—J.S.H.

GOOD .25 CALIBER BULLETS

Those .25 caliber bullets which we mentioned sometime ago as made by The Modern Gun Shop, 311 N. Paramount Blvd., Clearwater, Calif., have given unbelievably fine accuracy in one of our .25 Magnum rifles. We have not tried the other calibers yet, but the performance was so good in .25 Magnum caliber that we are looking forward to trying them. Accuracy was very close to, and on several occasions better than, one minute-of-angle groups. This kind of accuracy is really hard to obtain when trying to get maximum velocity of better than 3500 feet per second with a 100-grain bullet in .25 caliber. Davis bullets though have given this kind of accuracy in one .25 Magnum rifle.

Soon bullets will be available in other calibers. These will include a 70-grain in .228 caliber, 7 mm. in 139 and 154 grains, and 6.5 mm. in 100 and 129 grains. Modern Gun Shop's 1948 schedule includes a reduction in prices for the lighter bullets.—A.H.B.

CUSTOM-MADE BULLETS

Moffat & Schmuck, Custom Bullet Works, P. O. Box 574, Roscoe, California, have built their own design of a bullet-making machine. More than six months were spent in designing a machine which would turn out about twenty-one completed bullets per minute.

At present these bullets are being made only in varying weights of .22 caliber. Those of 46 grains weight, designed for 3500 feet per second or more, have been tried in an accurate .22 caliber rifle. Accuracy with different powder charges averaged much less than minute-of-angle groups. In fact, these bullets grouped better than our favorite brand in this rifle. There was no metal fouling at better than 3500 foot-seconds velocity.

With all of our good high-power rifles, it is pleasing to note that individual bullet manufacturers are making a strong effort to give us good bullets that will withstand such high velocity.—A. H. B.

TWO NEW FREELAND STANDS

Al Freeland now has two new scope stands on the market which we have been trying out for the past few months. Freeland has been a small-bore shooter of note for several years and was one of the first to feel the need for a better scope stand. Practically every tournament shooter is familiar with the first tripod stand which he designed and marketed in the middle nineteen-thirties. Before the last war he had also come out with the De Luxe Offset Stand which was very popular. The offset type had a scope cradle which could be secured to the side or on top of the vertical stem as the shooter desired.

Freeland's All Angle Tripod

Freeland's "400" Bipod

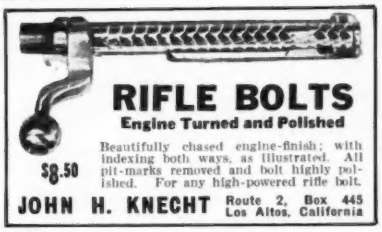
His postwar Freeland All Angle Tripod is another version of his offset tripod but the cradle is permanently fixed on the side or, in other words, offset. There is also another important difference. The scope cradle, by loosening a large knurled head nut on the left, can be tipped to any desired angle in the vertical plane. Fine adjustment of this angle is made by a large knurl-headed screw which tips the cradle through a small angle. The large angle adjustment is a

$56.50
FINEST AIR RIFLE EVER BUILT
SHERIDAN Pneumatic
ACCURACY • HIGH VELOCITY • LOW-COST SHOOTING
Matched barrel and bullet assure high degree of accuracy.
Sheridan controlled power: result of 2, 3, 4, 5 piston strokes in 1" soft pine.
Sheridan presents an accurate, quiet, high velocity, small-bore rifle with Controlled Power. Its usability and shooting economy will soon make this safe Target-Sporter your favorite arm. Over-and-Under construction; wt. 6 lbs; compact length 37"; beautiful walnut stock; alloy steel valves; adjustable sight and trigger-pull; "shotgun" safety; fast lock-time; quality-built. If your Dealer does not yet have the Sheridan, send $56.50. Money back if not satisfied after inspection.
5 m/m AMMUNITION has conventional bullet-shape. The Sheridan pays for itself with low-cost shooting ($4 per thousand rounds).
SHERIDAN PRODUCTS, INC. • DEPT. 18-B • RACINE, WIS.

If an **INVENTOR**

believes he has an invention, a search of the most pertinent prior U. S. Patents should be made and a report obtained relative to its patentability. Write for further particulars as to patent protection and procedure and "Invention Record" form at once. No obligation.

McMORROW, BERMAN & DAVIDSON
Registered Patent Attorneys
251-W Victor Building Washington 1, D. C.



RIFLE BOLTS
Engine Turned and Polished

$8.50

Beautifully chased engine-finish; with indexing both ways, as illustrated. All pit-marks removed and bolt highly polished. For any high-powered rifle bolt.

JOHN H. KNECHT Route 2, Box 445 Los Altos, California

These Are Features You'll Want In Your New Scope

Illustrated: The new WEAVER J4, a precision-built, moderate-priced 4 power scope.

You'll want strong, simple design, so you don't have to pamper your scope in rough country; you'll want the full advantage of today's advanced lens-making technique; and you'll want the reasonable price that precision production in quantity makes possible. These are the features you'll get in the new post-war WEAVER-SCOPES. See them at your dealer's today.

MAIL COUPON TODAY

WEAVER SCOPES

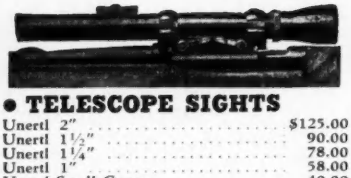
Weaver-Scopes for .22 Rifles
G4 $9.75 G6 $12.50
Weaver-Scopes for all Rifles
J2.5 $22.50 J4 $27.50
K2.5 $37.50 K4 $45.00
K6 $48.50
Weaver-Mounts to fit any gun.
Weaver-Choke for your shotgun $13.75 installed.

Please send folders on WEAVER-SCOPES and Mounts
Model K ☐ Model J ☐ Model G ☐
K Model Reticules ☐ Weaver-Choke ☐
Name.....
Address.....
City.....Zone.....State.....
W. R. WEAVER CO. Dept. 1 El Paso, Tex.

PROMPT SERVICE!

Orders filled same day or letter will be sent explaining any delay—which is the exception rather than the rule.

You'll LIKE "Badger Service."



• TELESCOPE SIGHTS

Unertl 2"	$125.00
Unertl 1½"	90.00
Unertl 1¼"	78.00
Unertl 1"	58.00
Unertl Small Game	40.00
Unertl Varmint Scope	75.00
Lyman Super Targetspot (some delay on Supers)	90.00
Lyman Targetspot	75.00
Lyman Jr. Targetspot	62.50
Lyman Alaskan	60.00
Weaver K-6	48.50
Weaver K-4	45.00
Weaver K-2.5	37.50
Weaver J-4	27.50
Weaver J-2.5	22.50
Weaver G-6	12.50
Weaver G-4	9.75
G & H Mounts	25.00
Echo Mounts	17.50
Redfield Jr. $10.75; $12.75 &	14.75
King-Pike Mounts	17.50
Buehler Mounts	15.00
Buehler Safeties (Prompt installation and bolt alteration service—low prices)	6.00

• METALLIC SIGHTS

Lyman 48 series $12.50 to	$14.00
Lyman 56, 57 & 58 series $6.00 to	8.00
Redfield Olympic Rear $15.75 fronts	8.50
Redfield 70 series	8.50
Redfield 102 series	5.75
Our Plain Ramp	2.50
Gold or Ivory bead fronts	1.25
Redfield Ramp; 24" Krag & Spr., 22" Enf.	8.50

• ACCESSORIES

BADGER SHOOTING KIT, specify tray or clamp model, add postage for 10#	$12.85
BADGER PISTOL KIT, without holder	19.50
with O'Dell Scope Holder attached Specify scope—add postage for 9 lb.)	24.50
BADGER HANDY BOX	1.25
BADGER SHEEPSKIN MITT	1.25
BADGER SLING KEEPER	1.00

• SPOTTING SCOPES

Unertl Right Angle	$96.00
Super Argus	74.50
Saturn	25.00
Davidson M/218	22.50
Freeland All Angle Stand	11.50
Freeland DeLuxe Off-set Stand	9.50
Argus (Freeland type) stand	8.50

• RE-LOADING SUPPLIES

We probably have the largest stock of loading tools, accessories, primed cases, bullets, primers, etc., in the Mid-West. Write for catalog and current issue of our "HEADLINER."

BULLETS IN STOCK

22 Sav. 70 gr. C.L.	2.70
219 Zipper 56 gr. H.P.	2.70
220 Swift 48 gr. S.P.	2.70
Sisk 54 gr. Neidner	2.00
7mm 165 gr. S.P.	4.05
30/06 150 gr. F.J.	3.85
30/06 180 gr. HPCL	4.05
30/06 180 gr. H.P.	4.05

H.P.—Hollow Point or Mushroom; S.P.—Soft Point; B.P.—Bronze Point; C.L.—Core-Lokt, F.J.—Full Jacket. Add postage for bullets (unless ordered express with powder primers, etc.), 15¢ per 100 in nearby states, 30¢ to West Coast.—We refund any excess.

EMPTY PRIMED SHELLS IN STOCK (per 100)

45/70	6.35	30/30	6.35
38 spl.	2.95	.257 Roberts	7.00
30 Luger	4.20	250/3000	6.95
.357 Mag.	3.20	.270 Win.	7.00
9mm Luger	4.25	30/40 Krag	7.00
22 Hornet	4.25	30/06	7.05
219 Zipper	6.35	8mm	7.05
.220 Swift	6.90	300 Sav.	6.95
		300 H & H	9.60

• AMMUNITION & PRIMERS

10% discount on orders of 5 cartons (22s) or 5 boxes (c.f.) 32s, 38s & 45s. Primers $6.30 per M—10% discount on 5M (ass't)

Clubs can purchase ammunition in case lots at wholesale.

Send for FREE CATALOG . . SURE WE TRADE!

Badger SHOOTERS SUPPLY

OWEN, WISCONSIN

The MICRO-MOVEMENT Trigger

$15

Discount to Dealers

A new and superior trigger mechanism for Mausers. Springfields, Enfields, Rem. M 30s and 720s and Win. M 70s.

NO TAKE UP CREEP OR BACKLASH

Precision built of tool steel and designed for ease of installation and minimum removal of stock wood.

UNQUALIFIEDLY GUARANTEED

ALLEN TIMNEY, Gunsmith 5832 Oliva Bellflower, Calif.

Neil J. Kenney

GUNSMITHING

SPECIAL OR ODD WORK

ALL BARRELS PROOF FIRED

Write for Details

4023 Richmond St. Chicago 18, Ill.

Phone—Juniper 5045

MASTER GUNSTOCK FINISH

Oil type finish—filler and oil combined. Saves time and labor—produces a beautiful and durable finish. Enough for several stocks. $1.00 postpaid. Discount to dealers. *Send 10¢ for list of sporting goods and used guns.*

HAWKEYE SHOOTERS SUPPLY CO.

1606 3rd Street, S.W. Cedar Rapids, Iowa

definite advantage on some steep sloping firing points and is an improvement over the De Luxe Offset Stand and other stands of this type. I was pleased with the fine vertical angle adjustment on the All Angle stand. It is positive and is free from annoying backlash. This stand incorporates the usual means for adjusting the height of the scope above the ground and for training it in the horizontal plane. The lock screws on the vertical stem are fixed so that they cannot come all of the way out to be lost.

I am impressed with this stand, mainly I think, because the position of the scope is easily adjusted. After adjustment, it stays put.

Freeland's other stand, the "400" Bipod, is one that harks back to the Sam Moore style. Al was beat to the punch in coming out with this type of stand by several sources. You can find some of the first scopes of this kind discussed by John Rose in the November, 1946, Dope Bag, and I wrote up one in the August, 1947, Dope Bag. The bipod stand became popular with many shooters so Freeland decided that if a lot of them wanted that type, he would produce it. The "400" Bipod was the result. The early model, which we got, had some bugs in it. For one thing, the leg braces were nickel plated and very slick. The lock nuts did not provide enough friction to hold them securely and the stand was subject to sudden collapse. This has been corrected by inserting a pin in the lock nut to give greater leverage for tightening. Freeland says that anyone in possession of an early model without the cross pin for leverage, can write in to him and he will make a replacement free of charge. Freeland, by the way, has always made a practice of replacing any worn or defective parts free of charge.

The other bug which we noted was the anti-backlash spring for the vertical angle adjustment. This was not secured at the upper part of the frame and the spring would work out to the side, becoming ineffective. Freeland corrected this by making a pocket in the upper casting which receives the upper end of the spring.

Freeland has been quick to make other improvements in this stand which have made it a high quality product, but personally, I like his All Angle Tripod best.

The Freeland All Angle Tripod sells for $11.50 and the Freeland "400" Bipod for $16.50.—E. B.

PISTOL SHOOTER'S SCOPE STAND

The pistol shooter is always on the lookout for a better scope stand to meet his requirements. The Vesco Company, 1600 East Eight Mile Road, Detroit 3, Michigan, has attempted to answer the demand with a lightweight stand which is a very attractive article.

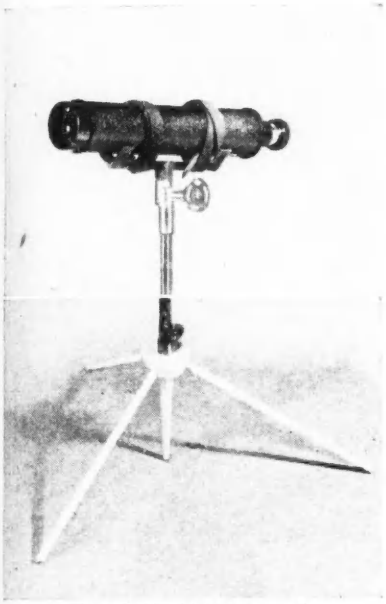
The stand has a pointed end which can be forced into the ground by stepping on a horizontal projection near the base. If you want to use it on a hard floor, a ring is slipped over the base end and secured by a lock nut. You then screw in three round aluminum legs which make a tripod base. The diameter of the spread of these legs is 20 inches.

The main stem is black wrinkle finish and inside of this slides a chromium-plated rod which can be locked in any desired position by a friction nut so that you can adjust for height. The friction nut locks the chromium-plated rod securely in the raised posi-

tion but it is always possible to rotate the rod with ease.

The scope cradle can be tipped back and forth and secured by a large and conveniently placed knob. The lowest position of the scope, with stem in the ground, is about 42 inches above the ground. It can be adjusted to a height of 75 inches above the ground (far more than most of us need). The disassembled stand makes a small diameter package 44 inches long. The total weight is 3 pounds 3½ ounces.

As might be expected of a tall stand, this one vibrates easily and it is necessary after making adjustments to let it settle down for a few seconds before you can do any careful spotting. The company has announced that the stand is now available for $16.50.—E. B.



Vesco lightweight scope stand

MICRO PISTOL & REVOLVER SIGHTS

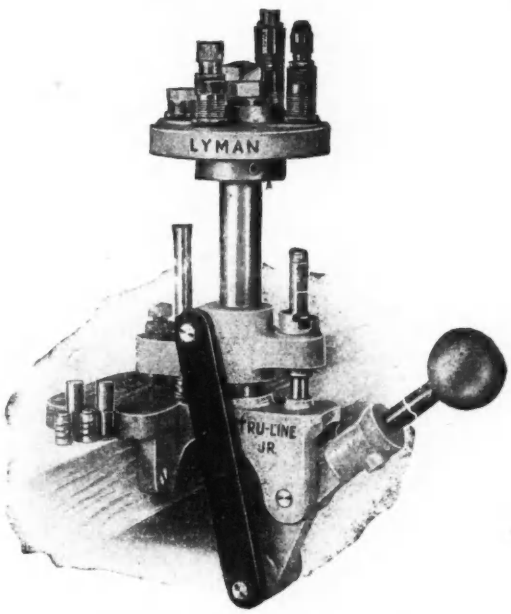
During the past few weeks I have been checking some of the sights put out by the Micro Sight Company of 5813 Mission Street, San Francisco 25, California. I have mounted one of the latest models on a Colt Woodsman with a 6½-inch barrel and am very much pleased with it. The clicks for elevation and windage are positive and uniform. This was not true of their first production models in which the clicks lacked uniformity. The manufacturers evidently corrected this early, which shows that they have made an effort to give the target shooter a good product.

Windage adjustment is made by means of a screw, on the right hand side of the rear sight, which moves a slide insert. A square sighting notch .120 inch wide is cut in the slide insert. The notch on the first production sample was .100 inch wide. The elevation screw is on top of the sight leaf, which is hinged at the forward edge of the fixed dovetail insert. Each click of windage or elevation on the present sights moves the point of impact ½ inch at 25 yards on our Woodsman, which has a sighting radius of 9.45 inches.

With the Micro rear on the Hi-Standard and Woodsman pistols it is necessary to install a higher front sight because the Micro is ⅛ inch higher than the factory sights.

Ideal **TRU-LINE JR.**

Bench Reloading Tool or Press



The new TRU-LINE JR. is sturdy and compact, with straight-line, easy operation. Uses same tools as Ideal tong reloaders. Turret self-centering. Furnished with or without dies. Tools for popular cartridges available. Four mounting screws for base. No cutting of bench necessary. Baked enamel finish in orange and black. For producing good ammunition quickly and easily, use the Ideal TRU-LINE JR. Free folder on request.

The Lyman Gun Sight Corp.

MIDDLEFIELD, CONN.

PEEP SIGHTS

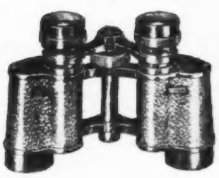
for KRAG RIFLES — $2.00. For Enfield $2.00; Mauser $4.50; Springfield $4.50. Krag Barrel Receiver Fillets 65c. Springfield Sporter Butt Plates 70c. Grip Caps 40c. Satisfaction or money refunded.

SPRING ADJUSTABLE BARREL BANDS
for Krag, Enfield and other rifles, 75c each.
LEROY RICE
316 Masonic Temple
Elyria, Ohio

CUSTOM REMODELING
OF MILITARY RIFLES
● Reblueing ● Restocking
Scopes — Mounts — Sights — Swivels — Loading Tools — Cases — Powder — Bullets Primers — Hollywood & Pacific Dies $12.50
FREE LIST — STAMP PLEASE
AURAND'S 229-231 E. 3rd Lewistown, Penna.

ZEISS
PRISM BINOCULARS

BETTER THAN EVER — COATED OPTICS



FEATHER-WEIGHT 6x30, 8x30 AND 7x50 WITH CENTER FOCUSSING

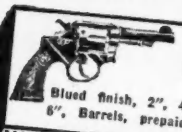
The world's most famous glasses, with features unobtainable in any other make regardless of price, now cost LESS than other leading makes.

Send for descriptive literature

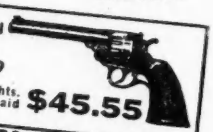
BROWNSCOPE CO. Dept. 2A, 24 W. 45th St. New York 19, N. Y.

CALLING ALL SPORTSMEN . . .

TAKE ADVANTAGE OF THESE VALUES!



SMITH & WESSON MIL. POL. REVOLVERS .38 SPECIAL
Blued finish, 2", 4", 5", 6", Barrels, prepaid ____ **$56.50**



H&R SPORTSMAN REVOLVER .22 CAL. MOD. 999
9 shot, 6" bbl., adj. sights. On .38 cal. frame. Prepaid **$45.55**

WRITE FOR SCOPES, MOUNTS, TARGETS, CLEANERS, ACCESSORIES

★

Brand New AIR FORCE SHEEPLINED PANTS

Made of leather with sheeplining throughout. Lots of pockets and 5 heavy zipper closures. Heavy duty adjustable suspenders. Easy to get into and take off. Fine for hunting and cold weather fishing trips. To fit waists up to 38. **$6.95** Prepaid

WOOL-LINED NAVY PANTS

Overall bib-style with adj. suspender top. O. D. water-repellent outer with wool lining. Zip closure. sizes: small, medium, large and extra large. Prepaid _____ **$4.95**

Brand New Alpaca B-15 TYPE JACKET

Nationally popular jacket with Moulton collar, Alpaca lining. Zipper front, and Knit waist & wrists. Outer O. D. Poplin Water - repellent. Sizes 36 to 44. Prepaid _____ **$14.95**

100% WEATHERPROOF STORM PARKA
(PREPAID)

New Navy rubberized waterproof & windproof parka with hood. Ideal for all sportsmen. Small, medium, large & X-large. Wt. 2 lbs. _____ **$2.95**

BIBBED OVERALLS to match. Med., Lge. _____ $2.95

FACTORY TO YOU
CORDUROY PANTS
PREPAID

Fine heavy thickset corduroy pants tailored in our own factory. Bar-tacks at all points of strain. Zipper closure. 5 pockets, wide cuffs, wide belt loops. Colors: Cream or Buckshot Brown or Gray. Sizes 28 to 36__ **$5.95**

BOYS' CORDUROY PANTS

6 to 16 Years. Made of same choice thickset corduroy as above. Zipper fly. Colors: Cream or Buckshot Brown or Gray. For ages 6 to 16 years_____ **$4.95**

STATE WAIST & INSEAM MEASUREMENTS

ARMY SNOWSHOES
(PREPAID)

10 x 58 ALASKAN MODEL. Brand New. Up-turned toe _____ **$8.50**
BEAVER TAIL SNOWSHOES. Used, but in good condition. 10 x 48_____ **$5.95**
SNOWSHOE HARNESS $1.49

SEND FOR FREE LISTS . . . WAR SURPLUS, GUN ACCESSORIES, FISHING TACKLE, & CAMERA EQUIPMENT. WRITE TODAY.

WARSHAL'S SPORTING GOODS CO.
SEATTLE 4, WASHINGTON

Member American Gunsmiths Guild

RIFLE BARREL BLANKS
TOOL STEEL—PRETURNED—UNTURNED
Calibers 22, 25, 270, 7mm, .300, 35, 375, 40, 45.
Preturn muzzle sizes of .650, .750, .890. 1¼ inches by 28 inches.
Special twists at no additional charge.

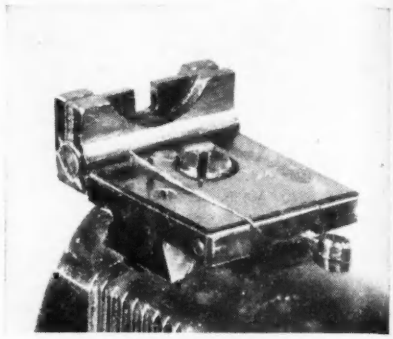
Joe Pfeifer 7837 SANCOLA, ROSCOE 3, CALIF. *In Canada* **G. B. CRANDALL** WOODSTOCK, ONTARIO

Custom **REBLUING**
Not just a reblue job but a De Luxe finish!
All Pistols or Revolvers $6.00
All Rifles 7.50
All Shotguns 8.50
Nickel or Chrome Guns blued, add $2.50
Send guns express prepaid.
BERGEN GUN SHOP 37 West Maple St. Allendale, N. J.

• TELESCOPES •
TARGET - HUNTING - SPOTTING
Lyman, Fecker, Unertl, Weaver, Argus, and others. Target Rifles, ammo, mounts and other accessories.
TRADES ACCEPTED—WRITE FOR PRICES
THE PENNA. GUN TRADER
HERSHEY PENNA.

This rear sight fits into the dovetail slots already on the pistols. The rear and front sets for these pistols cost $10.00 installed.

A Micro click adjustable rear sight and ramp front sight are available for the Colt



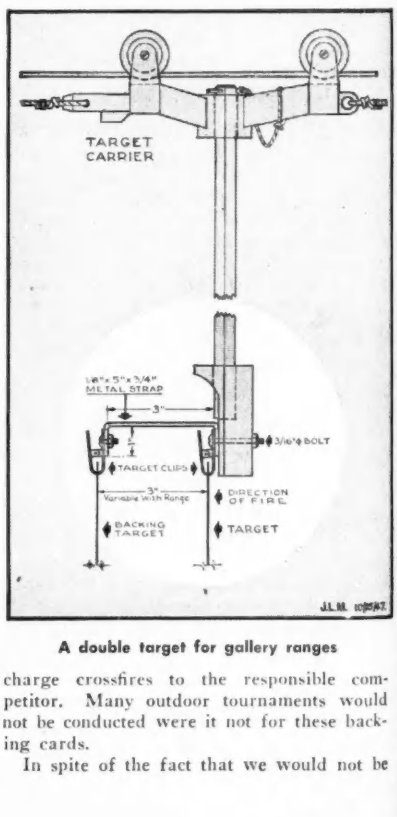
Micro rear sight

Official Police and the S&W Military and Police revolvers. The rear sights for these revolvers are installed by widening the groove on the top of the revolver frame and attaching by two screws. The rear sight, together with ramp front sight, sells for $17.50 installed.

The Micro Sight Company is also making a rear sight for the .45 automatic.—E. B.

DOUBLE TARGETS FOR GALLERY RANGES

Small-bore competitors have long been familiar with backing cards for targets on outdoor ranges at 50 meters, and 50 and 100 yards. Ever since they were first tried during the early 1930's these cards have enabled target scorers to see close "doubles" which failed to show on the target itself. Even more important, scorers have been able to



A double target for gallery ranges

charge crossfires to the responsible competitor. Many outdoor tournaments would not be conducted were it not for these backing cards.

In spite of the fact that we would not be

without the double-target system for outdoor matches, we have continued to flounder along without them on gallery ranges. The excuse has been that "doubles" did not occur in 50-foot matches due to there being only one shot at each bullseye. Crossfiring is much more infrequent on short gallery ranges than on the longer outdoor ones. Even so, it is just as disappointing to lose a match or a place because someone fires a shot on the wrong target.

The accompanying drawing shows a very simple development of the present type target mounting used on a large portion of gallery ranges. By making the changes shown, on both the long and the short hanging rods, your range can be equipped to use "double targets" in the same manner that they are used outdoors. Scoring procedure would be the same and crossfires could be charged to the guilty competitor in the same manner as in outdoor events.

The work of making the necessary brackets to change over the eleven-point NRA Range at Washington, D. C., was done in one evening in the workshop of one NRA employee. The material was scrap iron purchased at a local hardware store. Bolts came from the red-fronted "five and ten," and the Office Manager furnished (without knowing it) the clips. It took one man about an hour to install the brackets on the hanging rods. Total cash cost was less than $5.00.

We suggest you improve your range in this way for use in registered tournament and league firing. There is a lot of satisfaction in having an up-to-date range. You'll be doubly glad you installed them when these double targets settle a match or league argument that might have otherwise rankled someone for a long time.

BOOK REVIEWS

GUN FUN WITH SAFETY

By G. E. Damon

For several years the author has been teaching classes in Guns, Shooting, and Safety at the Colorado State College of Education. Finding that he was forced to go to innumerable sources for his classroom material, Damon has gather all this data together between the covers of a single book. The result is over 200 pages, crammed with such information as the history and development of all types of small arms and cartridges; basic ballistics; range construction; shooting instructions for rifle, pistol, and shotgun; gun care; safety at home, on the range, and in the hunting field; and a thorough summary of firearms legislation.

Because *Gun Fun* makes no effort to furnish exhaustive treatises on these subjects, the reader never becomes lost in technical data. For that same reason there is little controversial material in the book's thirteen chapters. Experts may quarrel with some of the author's statements but the value of the book as a manual or text is confirmed by the fact that all such criticisms will be minor ones. The only specific criticism of this reviewer is that the section on existing firearms legislation, particularly the appendix on state game laws, dates the book. Constant research and rewriting would be necessary to keep that material even reasonably up to date.

Designed as a textbook, *Gun Fun* will serve

UNIVERSAL Reloading Tools

Shown above, Model A tool Retail price

$47.50*

These superior tools are built to load any standard center-fire, metallic pistol or rifle cartridge with ease and accuracy. Both Universal Tool models, A and B, are identical in all parts except for differences in the turret heads. Model A, illustrated at left, holds three dies in its indexed rotating head, sufficient to reload any single caliber cartridge. Model B, illustrated at right, fills the need of the shooter who owns guns of several calibers and wishes to keep his dies set-up and handy for immediate use.

The indexed rotating head holds 12 dies, sufficient to reload 4 or more sizes of cartridges. At most, all that is necessary to change on the tool when changing from one caliber to another might be the primer rod, the shell holder and the setting of the powder measure.

All our products are guaranteed. Universal dies are interchangeable with the fine Pacific dies and can be used either in the Universal Tools or the Pacific.

*Prices shown on the above tools include one complete set of dies for any one caliber (not including powder measure adapter die, which is $2.50 additional). Discount to Dealers.

Prompt deliveries are assured on either Model A or Model B Tools and on Dies for the following calibers:

At left, Model B tool. Retail price

$55.00*

Patent U.S.A.

RIFLE DIES:

22 Hornet
22 K Hornet
22 Wilson Arrow
.218 Bee
R-2 Lovell
.219 Zipper
.219 Imp'd Zipper
22 Savage H.P.
.220 Swift
22-250 Varminter
22 Gebby Baby Var.
22 Gebby Jr. Var.
22 Gebby Sr. Var.
.240 Gebby Super Var.
.240 Gebby Super Bltd.
.25-20
.250-3000 Savage
25 Remington
.25-35
.256 Jap
.257 Roberts
6.5 mm.
.270 Winchester
7 mm.
.280 Ross
7 x 64 mm.
7 x 57 rim mm.
30-30 Winchester
30 M1Carb
30 Rem.
.300 Savage
.300 H.& H.Mag.
30-40 Krag
30-06
.303 British
32-20
32 Win. Spl.
32-40
8 mm.
8x57 rim mm.
8.15 X 46 mmr
9 mm Mauser
9.3 x 62 mm.
.348 Win.
35 Rem.
35 Whelen
.351 Win.
.375 Magnum
38-40
38-55
.401 Win.
.405
44-40
45-70
45-90
.256 Newton
30 Newton
35 Newton
.218 Bee CCC.
.219 Zipper CCC.
22 Swift CCC.
22 H.P. CCC.
22 Varminter CCC.
22-06 CCC.
22 Magnum CCC.
.250-3000 Sav. CCC.
.257 Roberts CCC.
25 Krag CCC.
25-06 CCC.
25 Magnum CCC.
.270 CCC.
.270 Magnum CCC.
7 mm.-06 CCC.
7 mm. Magnum CCC.
30-30 CCC.
30-40 CCC.
30-06 CCC.
.300 Magnum CCC.
.348 CCC.
.375 Magnum CCC.
.375-06 CCC.

PISTOL DIES:

25 A.C.P.
32 A.C.P.
32 S&W Long
32-20
38-S&W Spl.
.357 Magnum
38 S&W
38 ACP Super
380 A.C.P.
7x63 Mauser
7x65 Luger
9 mm. Luger
38-40
44 S&W Spl.
44-40
45 ACP
45 Auto rim
45 Colt rev.

Multi-Calibre Bullet Puller

Fits Universal or Pacific Tool

The Fasig Standard bullet puller with one standard collet only, $9.00. Standard Collet sizes .224, .257, .264, .278, .284, .308, .320, .357, .375. Extra Collets, standard size, $1.50 each. Special Bullet Puller with one special collet only $10.00. Special Collet sizes .44 and .45. Extra Collets, special size, $2.00 each. Pullers made of hardened steel, collets tool steel. Fully Guaranteed. Disc. to Dlrs.

We have built up one of the finest precision gunsmithing machine shops in the country. We repair and rechamber guns of all types. In addition, we carry one of the West's largest stocks of new and used guns, hunting and target accessories, reloading components, books and manuals for the shooter. When you want something for guns—contact Hollywood!

HOLLYWOOD GUN SHOP

LYLE S. CORCORAN, *Owner*

6032 Hollywood Blvd., Hollywood 28, Calif., Phone Hollywood 7266

WANTED! Sporting Goods Products to manufacture and sell

Either completely developed and patented . . . or your idea which we can develop, manufacture and sell for you on royalty. Give complete details and photos or drawings if possible in first letter. All replies confidential. Full protection to you.

Write Box 22

c/o AMERICAN RIFLEMAN

1600 Rhode Island Ave., N.W., Wash. 6, D.C.

WILSON PRODUCTS

Cartridge Case Trimmers—
.30-'06 Headspace Gages—
Cartridge Case Gages—
Inside Neck Reamers—
Primer Pocket Reamers—
Full Length Resizing Dies.

Send 6¢ in stamps for 1948 circulars.

L. E. WILSON

Cashmere Wash.

IMMEDIATE DELIVERY

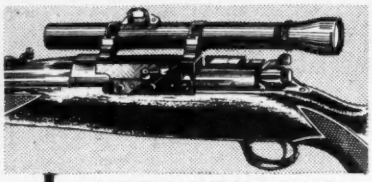
- NEW MERCHANDISE -

Remington Rifle, Model 512A, 22 calb.	$25.15
Remington Rifle, Model 512P, 22 calb.	26.75
Winchester Rifle, Model 7501, 22 calb.	53.50
Hi-Standard Pistols, 6¼ & 4½ inch barrel	51.17
Marlin Rifle, Model 39A, 22 Lever Action	50.45
9 M M Luger Ammunition, Box of 50	4.05
32 Auto. Pistol Ammunition, Box of 50	2.74
25 Auto. Pistol Ammunition, Box of 50	2.23
380 Auto. Pistol Ammunition, Box of 50	3.06

Complete Line of Fishing Tackle and Ammunition

EAGLE SPORTING GOODS

123 3rd Street Zone 3 San Francisco, Calif.



JAEGER

QUICK DETACHABLE SIDE MOUNTS . . .

Can be attached or removed in a few seconds without the use of tools or coin.

LARGE SELECTION SCOPES, MOUNTS AND SIGHTS

REBARRELING
30/06-300Sav.270-257-
250/3000-220Swift
JAEGER SAFETIES

JAEGER SPORTERS • Springfield or Mauser Action

PAUL JAEGER
CUSTOM GUNSMITHING
JENKINTOWN • PENNA.

Send for Catalog

INVENTION FOR SALE

Patent applied for No. 748208.

Relating to a protector for lenses on telescopic sights. Does not change eye relief or sight operation. Changes mounting height only a fraction of an inch. Instantaneous. Can be made from stampings and installed with a screwdriver.

Earl H. Halvorson — John Day, Oregon

L. L. McDONIE
EXPERIMENTAL PRODUCTION REPAIRS

.45 A.C.P. automatically made safe.

Cannot fire when magazine is removed.
Takes up where present safeties leave off.
Automatic Safety installed on your .45.....$3.00
Write for free circular.
1611 52nd Avenue, S. E. — Wash. 19, D. C.

ADAIR BARREL BLANKS
FOR GUNSMITHS

1¼"x28"—6 Groove—Right Twist—Heat Treated—High Tensile—Free Machining. Cals: .22-.25.27.30. Standard Blanks $17.50—Rough Turned $2.50 extra.
Prompt Service — *Discounts to Gunsmiths*
JAMES D. ADAIR
RT. 1, BOX 161 — ROSEBURG, ORE.

New Improved—One Application
Minute Man ★ GUN BLUE
Instant "Blue Steel" Gun Finish
Not a Paint-Not a Lacquer
MAGIC COLD CHEMICAL
Restores finish on 5 Guns. No heating! Can't injure steel. Simple process. Takes minutes.
$1
GET Free descriptive circular
NEW METHOD MFG. CO.
ARM 14 New Method Bldg., Bradford, Pa.

8mm CARTRIDGES
@ $4 per 20.
Loaded with 170 gr. Soft Point Bullets. Fits 7.9; 8x57; all '98 Mausers.
No C.O.D.
New 32 Win. Sp'l. Primed Cases $5.00 per 100.
PHIL JUDD 83 E. Park St. Butte, Mont.

The TOMPKINS PRECISION .22 PISTOL
A REAL single-shot .22 Cal. Pistol designed and made exclusively for target shooters. The gun—with patented trigger action that is improving the scores of expert and novice alike. Place your order through your dealer.
Varsity Mfg. Co. 135 Union Street Springfield, Mass.

MORRIS L. MENG
CUSTOM GUNSMITH
Military conversions to standard or de luxe sporters. Specializing in high-grade custom rifle and shotgun alterations.
Fancy rifle and shotgun stocking.
Beautiful Bluing — General Repairs
SEWELL, NEW JERSEY

REBLUING—$8.00
ALL RIFLES and SHOTGUNS (except doubles)
Military rifles converted as low as $20.00
Write for prices. Repairing & cleaning.
BENSON & BROADBENT 307 Pine St. Huntingdon, Pa.

NEW M1903-A1 STOCKS
Immediate Delivery
Semi-Pistol Grip—Fits All 1903 Springfields
Send Remittance—Personal Checks Accepted
$3.95 Postpaid
DEMRICK SALES CO. 1424 Grant Ave. San Francisco 11, Calif.

New Designs in
FRANZITE GRIPS

Modernize YOUR GUN! Improve YOUR SCORE!
Most durable grips made. Positively unbreakable! For Colt, Smith & Wesson, Hi-Standard, Ortgies, Luger and Mausers in a wide choice of beautiful designs in ivory, pearl, walnut, onyx, etc. Low prices. FREE CATALOG. Dealers Wanted.
Sports Inc. (Mfrs.) 5501 Broadway, Dept. A-2, Chicago 40, Ill.

SHEATH

THE POLARIZED RUST PREVENTIVE
FOR GUNS, TOOLS, TACKLE
At your dealers 50c & $1.00
Brownell Industries, Inc., Montezuma, Iowa

CUSTOM LOADING
U.S., Foreign, Wildcats
Case Forming a Specialty
IN STOCK: 8m m 170 gr. SP. New Cases, box 20.....$4.00
9m/m Luger, special, cast bullet, box 50...$5.00
Handloading Tools, Supplies.
MITCHELL'S GUN SHOP Hanover, N. H.

admirably in that capacity. However, its usefulness certainly will not be confined to classrooms. Here's a book which fills a crying need—perfect as a gift for any young shooter (by which we mean relatively "young" in experience in the shooting game); a book for any shooting instructor's shelf; a book for every club's library; and a book for those who just like informative books on guns and shooting. And we can't overlook the fact that the publishers have taken trouble to make this a fine looking book with excellent printing, plenty of best illustrations and nice binding. Perhaps it should suffice to mention that *Gun Fun* was edited and designed by Ellis Christian Lenz.—C. R. R.

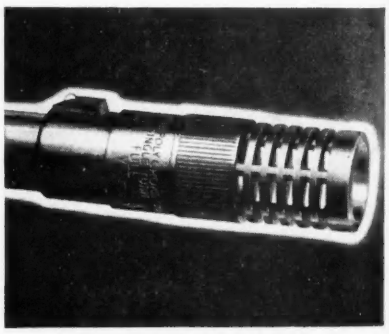
(Published by Standard Publications, Inc., Huntington, W. Va., 7 x 9¾ inches, 200 pages. No price available.)

GUNSMITH TRADE DOPE

The Poly Choke Co., of Hartford, Connecticut are now getting out what they call a ventilated Poly Choke.

As can be seen from the picture, this is simply the well known Poly Choke with a slotted extension sleeve on the front.

Mr. E. Field White, inventor and manufacturer of the Poly Choke, tells us that this device improves or, as he terms it, "stabilizes" the patterns. The reason is, as explained by Mr. White, that without these ventilating slots the wad which follows the shot charge is blown forcibly into the charge and tends to



The new Ventilated Poly Choke

spread it. With this ventilated Poly Choke sleeve a considerable portion of the gas escapes from behind the wad and therefore there is less force to impel the wad into the body of the shot charge.

This device should also result in a noticeable reduction of recoil.

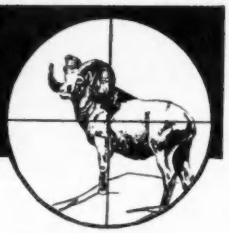
The ventilated Poly-Choke is being made in 12, 16, and 20 gauge. It is available for all makes of single barrel shotguns, and costs $18.75 completely installed. If your gun already has a Poly Choke, a new ventilated sleeve can be fitted for $7.00. The gun, or at least the barrel with the old Poly Choke on it, must be sent to the factory to have the new sleeve fitted.

☆ ☆ ☆

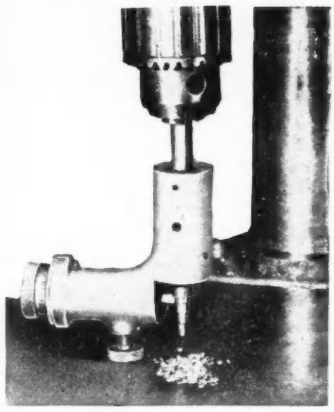
The Gun Collector is an interesting "little publication" devoted entirely to firearms for the collector. Issues appear once or twice a month, and average sixteen pages of new data on foreign and American firearms. From a small beginning, it already is assuming the

(Continued on page 62)

BOB BROWNELL'S
GUNSMITH'S SPECIALS



TRU-TURN
The Drill Press Lathe



Every visiting gunsmith we've had looks at one of these affairs and comments "My — —! I don't believe it! Does it tho, doesn't it?!" You can actually make firing pins, pins, taper pins, etc., etc., on these so-called "poor man's lathes" without any other attachment. Will actually give my personal money back guarantee that once you've tried a "Tru-Turn" you'll be tickled to death. Works on *any* drill press, wood lathe and can be made to attach on grinders. . . .
Tool complete with three bits, collets, instructions ..... ONLY $11.75
(Accurate to within .001")

! SCOOP !
PARKER-HALE
Gunsmith Tools

We have been appointed as a distributor in the U. S. for the Parker-Hale line of gunsmith tools: probably the best tools in the world. By the time this ad is out we will be able to give definite delivery dates on Parker-Hale gunsmith chisels, bottoming tools, etc., etc., and Parker-Rifling equipment. . . . Write and get your name on the list or watch for next month's ad. . . .

Polish-O-Ray

The new and extremely necessary addition to your polishing needs. Greaseless; not a hard glue but a soft FAST cutting abrasive to be applied while the wheel is running. For felt and muslin wheels. In grits No. 140, 240, and 400. Two Pound Tubes $1.00; 555 for the Master Quality finish in 3 lb. cakes $1.50. Now used by most gunsmiths and home hobbyists over the continent.

Free!!

Send for this complete and thorough booklet on bluing and polishing. A complete and thorough analysis of the entire process from start to finish—used and followed by thousands of gunsmiths.

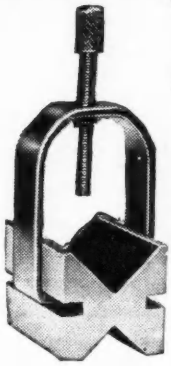
SALT PRICES

Price per pound	40¢
Quantity discount from above price:	
20 lbs.	25%
50 lbs.	30%
100 lbs.	40%

(10 lbs. salt makes 1½ gallons solution)

No discounts on less than *20 pounds*

"V" Blocks



Always trying to sell you something—but if you attach scopes or target iron sights you cannot be without these "V" blocks. Come in two sizes:
#12—1½" square with 1½" round capacity 1 pair and 1 clamp $3.43
#13—2½" square with 2½" round capacity 1 pair and 1 clamp . $6.90

GUN STOCKS

Made to fit all standard size Mauser, Springfield, Enfield receivers with standard barrels. Seasoned walnut, finished inside and out — checkered at pistol grip and on fore-arm. With or without Monte Carlo cheek piece, right hand only. When ordering be sure and specify whether gun has military barrel or barrel made along lines of Johnson or Ackley Sporter Barrels.

Guaranteed, for only $40.00

Gunsmith prices on orders of two, six, or twelve at one time.

THE NEW LINE-O-SITE

THE DOCKENDORFF A375 WITH HOOD BACK, LIGHTING CROSSWIRES FOR TWILIGHT SHOTS

The first and only adjustable hooded skylight cross-hair front sight. Fast for plinking, dead-on for hunting, super accurate for target work. A NEW application of long proven ideas. The coming front sight that compensates for those tricky conditions: bad light, bad eyes, bad shooting habits. . . . What more could any sight do?

Ready to attach, each $5.75
(Gunsmith discounts—attractive!)

ELECTRIC MOTORS

1-2 Horsepower G.E. motors, 115-220 volt, 60 cycle, capacitor type, sleeve bearings, f.o.b. Chicago, each $41.25

TERMS

All orders F.O.B. Montezuma, Iowa
For Parcel Post Include Postage
C.O.D. Orders Accepted from N.R.A. Members

THE GUNSMITH'S MART
BROWNELL INDUSTRIES, INC.
MONTEZUMA, IOWA

! STEEL !

Shop assortments of high quality round tool steel. Full hardening and tempering instructions with each kit. This is the true gunsmith's steel: for pins, parts, punches, chisels, special firing pins, etc. All round tool and drill steel is in 12" lengths.

SAMPLER KIT,

25 pieces (odd lengths) assorted sizes	$ 1.95
Shop assortment No. 1, 1-64" to 1-4" by 64ths (16 pieces)	2.16
Shop assortment No. 2, 17-64" to 3-8" by 64ths	3.10
Shop assortment No. 3, 25-64" to 1-2" by 64ths	5.73
Gunsmith deal—Kits No. 1; No. 2; No. 3	10.00

Square tool steel in fractional sizes available. Write for prices.

ROUND SPRING WIRE

STRAIGHTENED and cut to 12" lengths. All ready to be made into helical, coil or special springs. Thirteen sizes, ranging from .016" to .075" and from five to eight pieces each size, per kit $2.20

PLASTIC SHEETS

Genuine LUCITE sheets; so needed in the shop for grip spacers, grip caps, ornaments, inlays, etc. Available in any of the following colors: RED, GREEN, BLACK, OPAQUE, WHITE, CLEAR. Be sure to specify colors when ordering. Immediate delivery. Each sheet measures 6" x 12"—enough for seven 75¢ butt spacers or 30 fifty cent grip caps. . . .

Sheet 1/16" thick	$0.80
Sheet 1/8" thick	1.00
Sheet 1/4" thick	1.50

Gunsmith allowances on orders of TEN sheets at a time.

FILLESTER HEAD SCREWS

AT LAST! FULL ASSORTMENT fillester head screws in handy Dewitt compartment plastic box. Assortment consists of 12, each, the following sizes:—

No. 4x40; No. 4x48; No. 4x36; No. 5x40; No. 5x44; No. 6x32; No. 6x40; No. 8x32; No. 8x36; No. 10x24; No. 10x32; No. 12x24; No. 12x28. Also 24 EACH: No. 6x48; No. 8x40 (the two popular scope mount sizes)
Note:—The kit is not as full as the picture indicates. . . . that was just bait to catch your eye!

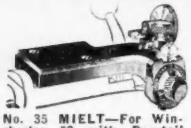
Price, per box kit, complete with transparent box $3.80

SCOPES Full line of Weaver and Texan scopes on hand for immediate delivery to gunsmiths.

MOUNTS Weaver, Echo, Buehler, Stith and Ackley Springboard mounts on hand at all times.

IRON SIGHTS Still rough but a few coming in. . . . Keep the orders coming and we'll do our best.

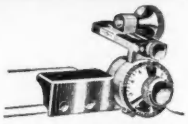
VAVER DIAL MICROMETER SIGHTS
For All Popular Rifles



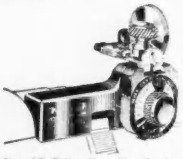
No. 35 MIELT—For Winchester 52 with Dovetail Receiver Slot. No. 5237—For all Winchester Round Receivers.

GET THE X'S WHEN THEY COUNT
WITH A VAVER DIAL MICROMETER SIGHT ON YOUR RIFLE

Gives you accurate adjustment in either direction for elevation or windage—without backlash. The eyecup—with a choice of quick-change apertures to meet any shooting condition—brings out the target sharp and clear without halo or cobwebs. VAVER Dial Micrometer Sights are made in standard or telescope height—regular or extension for all popular rifles.



Series 38—For Winchester 75, Remington 513T and Sporting or Hunting Rifles.

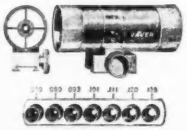


No. 37 RM—For Remington Rangemaster.

VAVER QUICK DETACHABLE FRONT SIGHTS

The original large-globe front sight, with a size selection of shielded apertures, in combination with a VAVER Receiver Sight gives you the finest accurate sighting combination for the largest possible number of X's. With VAVER SIGHTS—you, too, can be a champion.

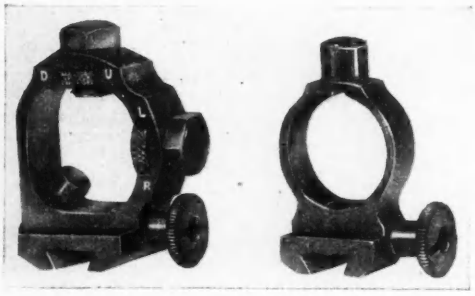
We will send Catalog FREE on request.



W-11—Quick Detachable Front Sight — Telescope Height. Also made in standard height.

VAVER CORPORATION 2439 Kolin Ave., Chicago 23, Illinois

Dehorned UNERTL *Varmint*



MOUNTS

for scopes with 7/8" or 3/4" main tube. Black anodized Dural, 1/4 minute click, positive lock. Supplied with our Varmint scope or sold separately $16.00 per pair.

For our quality products see your dealer or drop us a line

JOHN UNERTL OPTICAL CO. 3551-55 East St. Pittsburgh 14, Pa.

CUSTOM RIFLES

Built to *your* specification on *your* action. Hunting, Varmint or Match barrels in all standard, and most wildcat calibers.

CUSTOMBILT stocks, scope mounts and trigger mechanisms.

ROY GRADLE, *Life Member*
205 W. Islay, Santa Barbara, Cal.

MILITARY ARMS *Converted*

Shorten Barrel and Crown	$2.00
Straighten Enfield Floor Plate	2.50
Mill Off Enfield Ears	4.50
Trigger Guards Made Narrow	1.50
Polish and Blue All Metal Parts	8.00
Polish Bolt	1.00

Stocks, scopes, sights, etc., furnished and installed to your specifications at a very reasonable charge.

LON'S GUN SHOP
225 E. Russell Ave. Flint 5, Michigan

★★ ACCURATE ★★ HEADSPACE GAUGES

.30'06 caliber, 1.946" maximum, also 1.940"; 1.942"; 1.944"; 1.948" and 1.950". BE SAFE—check that "UNSERVICEABLE" Springfield or Enfield with precision gauges, hardened and ground to exact tolerances, $3.25 each, postpaid.

FORSTER BROTHERS 3539 N. Kenton Ave., Chicago 41, Ill.

STONY BROOK GAS CHECKS

Ballistically Correct and Accurately made in Calibre .22, .25, .270, 7m/m, .30, 8m/m & 32

$1.30 per 1000

STONY BROOK INDUSTRIES
1 Oyster River Road Old Saybrook, Connecticut

He Barks! He No Barks!!
Anti-Bark Bridle

Stops Barking and neighbors' complaints. Easy on dog. Practical muzzle for dogs at large. Insurance against killing sheep and poultry. Made in 3 sizes, each adjustable. Name breed wanted for. Price postpd—$1.00. Extra large Dogs over 60 lbs.—$1.50.

Send for FREE catalog.

WARNER'S PROD. CO., Dept.R., Baldwinville, N.Y.

Makes Old Guns Look New

Van's INSTANT GUN BLUE

$1.00 Kit... Removes grease, penetrates rust, leaves a satin blue-black finish. Takes minutes, not hours. Kit includes Gun Blue, cotton, Crocus cloth and steel wool. Ask your dealer... or write for folder.

C. S. VAN GORDEN & SON EAU CLAIRE, WIS.

(Continued from page 60)

proportions of a magazine, and strikes us as the best effort so far in the direction of a periodical designed solely for the gun collector. The material is new and fresh, and it has contained, so far, a minimum of the "rehash" that has crippled so many efforts to cater to the old gun fan. Subscription for the second period (number 15-26 incl.) is $3.00, from *The Gun Collector,* 110 Vaughn Court, Madison 5, Wisconsin.

☆ ☆ ☆

Harris Machine Co., Rivera, Calif., is producing a number of useful items for shooters. Their Sierra gas checks in calibers .22, .25, .270, .30, and 8 mm. appear to be well made. They fit on all the gas-check bullets we have.

Other items for the shooter are neat front sight ramps, which are attached to the barrel using one standard 6-48 screw. For additional security the ramp can be soft soldered to the barrel. These come in different heights for the Enfield, Springfield, Mauser and other sizes for .22 caliber rifles. These ramps take the standard 3/8-inch dovetail.

For the handloader who makes his own bullets with R.C.B.S. tools, the Harris Machine Co. makes jacket material for .22 caliber bullets. Those we have used are .223-inch in diameter and are made in different lengths for different bullet weights. Apparently these lengths are: .610, .665 and .690 inch. The longer jacket makes a very good bullet, weighing from 50 to 55 grains with a reasonable amount of lead exposed. With these jackets we made bullets that gave good accuracy up to at least 3700 foot seconds.

Later this company plans on making bullet jackets for other calibers, as well as finished bullets. The .22 caliber R.C.B.S. bullets we made using the .690-inch jackets grouped as well as any other type or make of bullets in several different rifles.

☆ ☆ ☆

W. H. Church, formerly located in Fullerton, North Dakota, now has a new address which is 1138 Bernardston Rd., Greenfield, Mass. Mr. Church is known for his custom handgun work and his cartridge case trimmer. This is a practical hand tool, which does an accurate case trimming job. The new trimmer, just received, is exactly like the one we have been using for quite a few years. By obtaining proper shell head holders and bushings to fit the inside of case necks, the one trimmer can be used for any number of calibers and for any type of cartridge case.

☆ ☆ ☆

Bob Brownell of Brownell Industries, Inc. Montezuma, Iowa, has just completed the first edition of "The Gunsmith's Mart." This is a catalog of specially selected items most useful to the gunsmith. Some equipment of the very latest design is illustrated. To give you an idea of what a job Brownell has done, a staff member's comment after glancing through the catalog was: "A good selection; I would like to have everything in the book." The price of $1.00 per copy is refunded on the first $10.00 or larger order for products.

☆ ☆ ☆

Joe F. Ivey, 910 Burlington St., Dallas, Texas, is marketing a J. T. Slocomb Co. one-inch micrometer for only $3.95. This is one of the very best makes of micrometers, and is a high grade instrument in every particular. At this price it is a real buy.

THE ARMS CHEST

GENERAL REQUIREMENTS APPLICABLE TO CLASSIFIED ADVERTISING

1. Rate: 20 cents per word including name and address (25 cents per word beginning with the May 1948 issue)—minimum charge $3.00. All advertisements must be accompanied by remittance, made payable to "National Rifle Association"—1600 Rhode Island Ave., Washington 6, D. C.

Closing Date: All advertisements must be received by not later than the 1st of the month preceding date of issue. (Example: the 1st of February for the March issue. Ads *received* after the 1st of February *and not later than the 1st of March* will be inserted in the April issue.)

3. Who May Advertise: Any individual or firm whose advertisements and methods of doing business meet our requirements may advertise their goods or services in the ARMS CHEST.

4. All Orders Subject to These Conditions: We reserve the right to edit all copy to conform with our standards and to reject or discontinue any advertisement which we consider undesirable.

5. Transactions Based on Good Faith: ARMS CHEST transactions are based on good faith and mutual satisfaction. Deliberate misrepresentation, disregard of usual business ethics or the attempt to circumvent these general requirements, when brought to our attention, will result in refusal of further advertising and might result in disbarment from the NRA, in the case of members.

6. Blind Ads Not Acceptable: Box number or blind ads will not be accepted. Give your COMPLETE name and address, to insure prompt delivery of all mail or telegraph replies.

7. How to Count Numerals, Etc.: Groups of figures are counted as one word (example: .30-30, 250-3000, $150.00, $1.50). Abbreviations consisting of initials or single characters likewise are counted as one word (example: W. H. Smith; H. B., meaning heavy barrel; HP., meaning high-power). Hyphenated words are counted as two words (example: 20-gauge, pearl-handled no-slip).

8. Responsibility for Illegible Copy: Type or print advertisements plainly, as we can not be responsible for errors due to illegible writing.

9. Firearms for Sale or Trade Must Be Properly Described: The *condition* of every gun (including essential parts) advertised for sale or trade, *must* be specified according to *NRA standards*, as follows: PERFECT—meaning factory condition; EXCELLENT—meaning new condition, implying negligible amount of use; VERY GOOD—meaning practically new condition; implying little use, with no appreciable bore wear and only minor surface scratches or wear; GOOD—meaning moderate use with some finish worn off, only moderate bore wear, with no pits and nothing worse than a little roughness in the bore; FAIR—meaning no parts missing necessary to use of gun, reasonable wear inside and out, nothing worse than minor pits in steel or stock, gun sufficiently accurate for hunting. POOR—meaning marred appearance and pitted or badly worn bore.

10. Requesting Privilege of Examinations: We *insist* that purchasers desirous of examining merchandise before acceptance request shipment by express C. O. D. with examination privilege. This procedure permits the purchaser to inspect the merchandise *in local express office* and authorizes the express company to return unsatisfactory merchandise at shipper's expense.

11. "Outlawed" Firearms Cannot Be Sold: Federal statutes forbid the sale or trade of all machine or submachine guns; sawed-off rifles and shotguns with barrels of less than 18" (the exact barrel length must be specified for all Mannlicher-Schoenauers) and Mauser and Luger auto pistols *with holster stocks*—except by a Federally licensed dealer who has paid the special tax required by Section 3260, Internal Revenue Code.

In addition the N. R. A. has adopted a policy of not accepting advertisements covering small semi-automatic pocket pistols which have no practical value as target, police or military weapons.

FOR SALE

LARGE COLLECTION OF AMERICAN AND European antique arms. Send 25 cents in coin for our 15th edition catalog featuring the Brown collection of Kentucky rifles. We buy whole collections or single pieces. Fair prices paid. Kimball Arms Company, Woburn, Mass. tf.

REMINGTON ARMY & NAVY PISTOL parts. Percussion hammer, new, $2.50. Loading lever $3.50. Mainspring $1.50. Trigger $1.75. Bolt $1.00. Hand and spring $1.00. Set screws $1.00. Trigger spring 75¢. Trigger guard $1.75. Send addressed envelope for full parts list. James Serven, Santa Ana, Calif.

MUZZLE GUN SUPPLIES: NIPPLES FOR shotguns, rifles, revolvers and muskets, 25¢ each or 5 for $1.00-all in tool steel. Rifle and shotgun usually take the .250 base with 28 threads, revolvers .225 base—32 threads; muskets .317 base, 24 threads. Also carry .260-28 and .285-28-same price. Flints for pistols or rifles, $1.25 per dozen. Percussion caps—#10 for pistol and #11 for rifle and shotguns—$3.40 per 1000; musket caps $4.40 per 1000- may come by express. Fresh Dupont black powder—6¼ pound can $4.00, 25 pound can $12.50, FOB. Freight only. Hickory ramrods, .38, .40 and .42 $1.00 each; large sizes $1.25 each. Nipple wrenches for rifle, pistol and musket-(specify which) 75¢ each. Moulds, round balls, .285 to .50—$6.00 each; above .50—$6.50 each—See Lyman list for sizes; top quality and very accurate. Drum, nipple and clean-out screw combination—send old drum for checking measurements—75¢. Powder measure with graduations for black powder, zero to 100 grains, plastic, $3.25. Lyman 17-A front sights $3.00; early Sharps front with base .460 inches wide and German-silver blade 75¢—nice stock. Redfield M70 peep rear for Mauser conversions $8.50. Bulmiller .22 barrels, not turned outside or threaded $17.50. Curly Maple stocks 5 feet by 2¼ inches, seasoned one year, $9.00. Walnut planks 7 feet by 8 inches by 2½ inches $15.00 FOB—cured about 13 months. A few good squirrel and match rifles- tell us your wants. Farris & Son, Portsmouth, Ohio. tf.

SPECIAL GUNSMITH SCREW DRIVERS, set of 9 spring-steel drivers ⅛" x 2" to 5/16" x 10" blades. Guaranteed not to chip, gun grip handles, shipped to any member on approval. $4.50 postpaid. E. C. Grace, Elk Rapids, Michigan. tf.

SHOOTERS—ON THE RANGE, KEEP YOUR targets neat and tidy; patch the holes with Kurve-Kut target pasters; packed 500 pasters to the roll in handy dispenser-type cardboard box-Black-White or Buff; 30 cents per box at your dealers or send your order to Razorback Target Pasters, Rt. #2, Fayetteville, Arkansas. tf.

ELECTRIC PENCIL: WRITES, ENGRAVES all metals. $1.00 postpaid. Beyer Mfg. 229-Z Dixon Blvd. Uniontown, Penna. 6-48.

SHOOTING M.L.'s, target, Kentuckies, shotguns, militaries, collector's items, reasonable. Price list, stamp. Hamilton, 1354 Norwood, Chicago 40, Illinois. 3-48.

MY NEW 1948 CATALOGUE LISTING HUNdreds of antique arms, edged weapons, cartridges, accessories, books and collectors items is now available. Send 25¢ to H.A. Brand, 704G Ingalls Bldg. Cincinnati 2, Ohio. 8-48.

RELOADING LUBRICANTS: IPCO COLLOIdal graphite ribbon wads $1.00 box; Ipco bullet lubricant $1.00 box. Special discount to dealers. Industrial Products Co. W.W. Perkins, Prop. Box 14, Wakefield, Mass. tf.

INVENTORS: HUNDREDS OF MANUFACturers have requested our assistance in locating marketable new products. Complete information, free. Institute of American Inventors, Dept. 131, 1926 Eye Street, N.W., Washington 6, D. C. tf.

WALNUT BLANKS, SHOTGUN, RIFLE $2.00- $3.00, fancy burl fletches $7.00 up, stocks Browning auto $10.50. E. D. Bray, Newburg, Iowa. 2-48.

REVOLVERS, MINERALS, STAMPS, COINS, glass, Indian relics, catalog 5¢. Cowboy Lemley, Las Cruces, New Mexico. tf.

CASWELL TARGET CARRIERS GIVE THE shooter every possible point because they hold the target steady and require no exertion to operate. Fully equipped with speedy ball-bearing pulley wheels and target holders for every type of indoor paper rifle or pistol targets. Priced from $22.80 to $31.20, write for price list and descriptive circulars. Caswell Target Carriers, Anoka, Minnesota. tf.

330 WEAVER AND STITH 70, EXCELLENT $30.00. K2.5, Stith 70, excellent $45.00. 7x50 Navy binoculars, coated, case both new $85.00. Shortridge, East Lansing, Michigan.

AMERICAN, GERMAN, JAPANESE AMMUnition. Stamp for price list. George Bjornstad, 1626 Fargo Avenue, Chicago 26, Illinois. 4-48.

ILLUSTRATED 156 PAGE CATALOG OF antique firearms and edged weapons 50¢. Robert Abels, R-860 Lexington Avenue, New York 21. tf.

AMMUNITION—75 SIZES IN STOCK. DIME for list. Central Sports. Delphos, Ohio. 4-48.

.45-70-500 SMOKELESS CARTRIDGES. $1.74 per box, $8.00 per 100. Headless shell extractor for the Springfield rifle & carbine, 75¢. Rubber slipon recoil pads, for rifle or shotgun, 90¢. Dept R. Bolin's Gun Shop, 9 Grand St., South Amboy, N. J. tf.

295,000 Prospective Customers

for what *you* have to sell!

Thru these columns you can reach nearly 300,000 fellow shooters who are just as enthusiastic about guns as yourself.

So, if you have *any* product or service which is useful to shooters, hunters, gunsmiths, collectors, etc., right here is the place for you to advertise.

And for the April issue, only, the present bargain rate of 20¢ per word still applies.

☆ ☆ ☆

Final closing date for the April 1948 issue is March 1st.

NEW RATE, 25c PER WORD:

Beginning with the May 1948 issue the classified advertising rate will be advanced to 25¢ per word. This increase has become necessary because of much higher publication costs, and the continually expanding circulation of the RIFLEMAN. Print order for this issue (February) will be in excess of 295,000—and the present rate of 20¢ per word was based on a circulation of only 200,000!

ATTENTION!

HUNTERS and SPORTSMEN

HARD TO GET ITEMS AT BARGAIN PRICES

Mail Orders Filled Same Day

AMMUNITION

Imported for German P.38 and 9MM Luger. Box of 50 for **$4.75**

OO BUCK SHOT

12 ga. Expert Shells. Box of 25 for **$1.45**
Case of 27 boxes for $33.75

NEW 30/06 SPRINGFIELD MODEL M1903 RIFLES

Semi pistol grip; remodeled fore end and hand guard with new 1¼ in. sling strap **$89.50**

22 CAL. LONG RIFLES . . . TARGET MODELS

New Winchester Model 75 with Winchester Blade front sight and Lyman 57E Receiver sight **$53.50**

New Remington Model 513TR with Micrometer sights **$53.50**

REMINGTON JUNIOR SPECIAL TARGET RIFLE

Model 521T—shoots shorts, long or long rifle **$34.95**

NEW French 8x30 Prism Binoculars

$60.00 value complete with leather case. Postpaid **$49.50**
plus 20% Fed. Tax

ARGUS OBSERVATION SCOPE

STAND **$8.50** Postpaid

$74.50 Postpaid

SMITH & WESSON 38 special New Military and Police Revolvers

2-4-5-and-6-in. barrel lengths $56.50
New Hi Standard .22 Auto. Pistol 6¾ or 4½ barrel lengths; Walnut grips $51.17
New Colt 38 Super Auto. Pistol $65.00
New Colt 45 Auto. Pistol $65.00
New H & R 22 cal. Sportsman revolver $45.55

Used Army Surplus 38 Spec. S&W 4 in. barrel revolver **$37.50**

Denver made all leather Belt Holster $3.75

WEAVER SCOPE SIGHTS

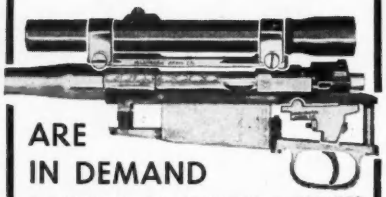
Model G4	$9.75	Model K2.5	$37.50
Model G6	$12.50	Model K4	$45.00
Model J2.5	$22.50	Model K6	$48.50
Model J4	$27.50	above scopes with Range Finder Reticule extra	$5.00
SCOPES SENT PREPAID		Dot Reticule extra	$7.50

Send for FREE CATALOG—New issue ready soon

Guns and Ammunition sent Express Collect

GART BROS. SPORTING GOODS
1643 Larimer Denver, Colo.
"Where Your Dollars Buy More"

MASHBURN'S Q. D. Mount & Superior Trigger



ARE IN DEMAND

EVERYWHERE BY SHOOTERS & DEALERS

QUICK DETACHABLE MOUNT

Sturdy, low, neat. Replaces to absolute zero. No adjustment in mount to change zero when scope is replaced. Made for most rifles and all scopes having windage and elevation adjustments. Sizes ¾", ⅞" and 1". Mount as illustrated, $15.00. Special mount Win. M-70 and 54, installed without drilling receiver, $17.50.

SUPERIOR TRIGGER

Replace that old trigger now with Mashburn's Superior Trigger with a clean, crisp pull. Has no military take-up, no back slap. Adjustable for desired pull and creep. For Mauser, Springfield, Enfield and Remington Model 30 and 720. Price, $15.00.

We are increasing production as rapidly as possible to meet the fast growing demand of these items. See your dealer or write direct:

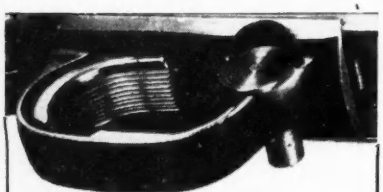
SUPER STOCK FINISH AND FILLER

The original speedy oil type finish. Don't take a chance on a substitute. Better protection, tougher, more beautiful than linseed. Less than half the time. Enough for several stocks. Smoother finish when filler is used, $1.00 ea.; $2.00 kit. *See your dealer or order direct.*

Discount to dealers

Large quantities for gun shops.

MASHBURN ARMS CO.
1220 N. Blackwelder St., Okla. City 6, Okla.



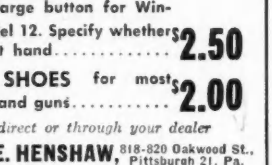
SAFETY large button for Winchester model 12. Specify whether right or left hand **$2.50**

TRIGGER SHOES for most rifles and hand guns **$2.00**

Order direct or through your dealer

HARVEY E. HENSHAW, 818-820 Oakwood St., Pittsburgh 21, Pa.

3 In 1 AIR PISTOL



SPORTSMAN JR. — sensational, low-priced air pistol. Ruggedly built, full size target gun shoots either standard BBs, pellets or steel darts. Fast, single-action compression chamber. Single shot; silent shooting. Use indoors or outdoors. Modeled after famous target pistol. Economical to operate. Die cast all metal non-slip moulded grip; machined steel chamber and barrel. 8-in. long; 41/2-in. deep; full size weighs 15 oz.

$3.49

Shoots BBs Darts Pellets

No C.O.D. EACH ONLY **$3.49**

BB's, 3 pkgs. 25c; .177 pellets, 500 for $1.50; steel darts, 35c package. (Order plenty.) Holster 50c
JOHNSON SMITH & CO., Dept. R-97 Detroit 7, Mich.

PREWAR BLUING — PLATING. BLUING salts. $2.95. Genuine pearl ivory grips. Gun Reblu, Fletcher 3, No.Car. tf.

NEW 50 FOOT SCOPE GALLERY TARGET. Order your supply for the coming season. Immediate delivery. Write for price list. John A. Walters, R.D. #1, Fayette City, Penna. Lite Member. 3-48.

USE THE NEW GAS PROOF GUN WAD for mild recoil, close even pattern, unusually long range, $4.00 per M. Packed in 1000 lots, 500-½", 250-½C, 250 thin C. Send remittance. E. G. Snyder, Rt. #2, Reading Penna. tf.

PRIMERS, WESTERN #3, IMPROVED, non-corrosive, $2.25 per M. Case of 5000 for $9.50. Demrick Sales Co., 1424 Grant Avenue, San Francisco 11, Calif. tf.

NEW BLACK & DECKER HOME UTILITY electric drills, Jacobs chuck, operates 110 A.C. or D.C. ¼" $18.95. ½" $35.95. Bench stands ¼" $11.45. ½" $17.45. Prepay on cash orders. J. E. Parlett, 621 Radnor Ave, Baltimore 12, Maryland. 2-48.

COMPLETE LIST OF 100 AUTOMATIC PISTOLS for sale sent for self addressed stamped envelope. Disposing of large part of my collection. S. Aberman, 405 Law & Finance Bldg, Pittsburgh 19, Penna. 2-48

S&W .357 MAGNUM, 6½" BARREL, 100 rounds, 300 primed empties, primers, thumbrest grips, excellent $135.00. Winchester 70 .22 Hornet checkered, ebony tipped stock .20" barrel v.g. out, excellent in .350 Weaver 6X Litschert attached, Redfield mounts, 200 new Hornets, about 500 Hornet handloads 260 K-Hornet empties, about 900 assorted bullets, primers, Pacific dies, $240.00. N. Messmer, 1735 S.E. Hawthorne, Portland, Oregon.

NEW GUNS, COLT OFFICERS .38 CALIBER $65.00. Remington 37, Winchester 52, $110.00. Mauser $32.00. Lugers $35.00. Radom $25.00. S&W .45 $38.00. S&W .44 Russian $35.00. Frontier Colt $50.00. P.38 $28.00. 9mm. Star $18.00. S&W hand ejector .32 caliber $35.00. Winchester 75 sporter, target $40.00. 8mm. Steyr $18.00. Cushman Shooters Service, 12 Tilton Ave, Brockton, Mass.

L.C. SMITH DOUBLE #2 GRADE TWO SETS barrels—28" cylinder improved mod—32" full. Both new. Stock & action checkered & engraved shows some use gun perfect condition mechanically $100.00. L.T. Mercer. Member. 108 South Third St., Clarksburg, W. Va.

.38-40 WINCHESTER $8.00 PER 100. 44-40 Winchester $8.00 per 100. 16 gauge shotgun shells, Western expert, #1 Buck, 500 shells to the case, $25.00 per case. .357 Magnum revolver cartridges, $7.00 per 100. 9mm. Flobert short ball rifle cartridges, rim fire, $3.00 per 100. .45 automatic pistol cartridges, late issue, $7.00 per 100, 146 grain. 30-06 F.A. Arsenal, 1935 cartridges, full patch, $7.50 per 100. 30-06 Winchester, pointed, full patch, staynless, non-mercuric cartridges, $10.00 per 100. 303 British metal point Winchester cartridges, late issue, $10.00 per 100. .38 Special 158 grain, factory load, $5.00 per 100. .38 Special factory load 146 grain wadcutters, $4.50 per 100. .32 caliber long rim fire Kleanbore rifle cartridges, $3.50 per 100. .32 short rim fire Kleanbore rifle cartridges, $3.00 per 100. .25 Stevens rim fire Kleanbore rifle cartridges, $3.00 per 100. .22 long rifle super match #2, $6.50 per carton of 500. .22 W.R.F. rim fire cartridges, Kleanbore, $9.50 per carton of 500. 45-70 -405 grain black powder rifle cartridges $10.00 per 100. 30-40 Krag Soft Point rifle cartridges, $12.50 per 100. 30-40 Krag blank cartridges $11.50 per 100. 10 ga. Blank shot gun shells, $9.00 per 100. 351 Winchester S.L. cartridges, $8.50 per 100. All ammunition available for immediate shipment. 50¢ extra charge for all shipments of ammunition as same must be packed in wood container. Interstate Commerce Regulation. Forward money order. No C.O.D. shipments. Send coin. $1.25 for Third Annual Edition of Gun Digest together with our complete catalog of new and used guns, amunition, rifles, binoculars and powder flasks. Our separate catalog 25¢. Public Sport Shops, Dept R75. 11 So. 16th Street, Philadelphia Penna.

WEATHERBY .270 MAGNUM, BEAUTIFUL custom stock, 4X Noske, Graphmo barrel, Mashburn trigger, cases and dies, fired 50 times. Excellent. Sacrifice $325.00. William Blackmer, 1415 Owyhee, Boise, Idaho

ARGUS SPOTTING SCOPE $74.50. UNERTL 10X target scope $78.00. New 52 Winchester, Lymans $98.00. Bishop stocks $8.50. Hensoldt Dialytan, new $75.00. McQuiston-Stanley, Meadville, Penna.

.22 CAL. BULLETS

Lubri-Kote or Copper Jackets. 42, 50, 55, 60. 224 only; 65, 227, 42 and 50 Round or Sharp Point Lubri-Kote, $2.60; Copper, $2.50. Postpaid. Sample free.
MILO HILL Caledonia, Ohio

$1.00 DELIVERS HANDSOME SOLID BRASS rifle rod outfit, postpaid. Includes patch tip, one finest quality phosphor bronze brush, one soft bristle. State caliber desired, .410 also. Same except two piece jointed rod, canvas kit, $1.25. Woodford Mfg. Co., Lyndhurst, Ohio. tf.

REMINGTON 513S WEAVER SCOPE 29S, excellent. With four clips, sling, selected figured stock and sheepskin case $94.00. S.E. Smith, 301 North Husband St., Stillwater, Oklahoma.

SAVAGE 23-D HORNET GOOD INSIDE AND out Lyman 438 fair, new Lyman tool complete 1000 primers 500 bullets 200 empties $90.00. Enfield sporter, Bishop stock 29S excellent in very good out $70.00. Krag excellent new barrel very good outside appearance 180 factory loads Redfield rear post front $60.00. Two Springfields excellent new barrels good outside $50.00 each. Additional information on request. Cecil H. Kelley, Box 302, Rockwood, Tennessee.

30-06 MAUSER ACTION, SPORTER STOCK, new barrel, Lyman rear, mounted Lyman Alaskan, Stith mount, three boxes 30-06, very good to excellent $190.00. Very good, Standard 52, with A5 Winchester scope mounted $75.00. Parks Bacon, El Dorado Springs, Missouri.

COLLECTORS—INTERESTING, FULL SIZE, photostatic copy of drawing and directions enclosed with Smith and Wesson's #1 Twenty-Two. Money order $1.00. Member. Rockwell's Sport Shop, Little Falls, N. Y.

MANNLICHER MILITARY 1885 & 1877 32" barrel fair, $20.00 each. Mauser Military single fair #5017K, $20.00. Rare Colt slide action 32 center fire good, $50.00. S&W 32-20 6" barrel target grips, $50.00. Muzzle loader Sunderland 12 gauge single very poor, $10.00. H. L. Chambers—336 South Main St., Bloomington, Illinois.

LUGER HOLSTERS, 8", $5.00 PENGUIN, all wool, gray and red hunting socks, 3 pr. for $5.00. 1½ small pistol primers by Remington, late issue, $7.00 per 1000. 10 gauge, new primed empty shell cases, 2-9/16", $3.00 per 100. #57 Remington shotgun shell primers, $7.50 per 1000. Reg. price, $12.00. Gun racks by Stevens, walnut finished for three guns, $4.95 each. The Pequet, walnut finished, self-leveling gun rack for four guns, $5.95 each. Web rifle slings, used, U.S. Army, good condition, 49¢ each. Recoil boots, prewar rubber, for all shot guns and rifles, 69¢ each. Springfield leather rifle slings, good condition, 75¢ each. Forward money order. No C.O.D. shipments. Send coin $1.25 for Third Annual Edition of Gun Digest together with our complete catalog of new and used guns, ammunition, rifles, binoculars and powder flasks. Our separate catalog 25¢. Public Sport Shops, Dept R75, 11 South 16th Street, Philadelphia, Penna.

K-HORNET, HIGH SIDEWALL WITH BUHmiller barrel and extra fancy stock by Pachmayr Sr. very good condition and Super accurate, with 8 power Winchester scope and 400 rounds ammo. loaded with Sisk bullets, $150.00. L. E. Johnson, 5710 Atlantic Ave, Long Beach, 5, California.

NEW LIST OF MUZZLE LOADING RIFLES. Also cap and ball revolvers for shooting. 3¢ stamp please. Kimball Arms Company, Woburn, Mass. tf.

HELMETS, BRAND NEW, SOFT BROWN leather, wool lined, type used by hunters, aviators, motor cyclists and other sports, all sizes. Value $10.00, special $1.95 each. Rifle slings leather, U.S. Army, 1¼", used, good condition, $1.00 each. Grimes rifle or shotgun slings, top grain, russet cowhide, adjustable to any shotgun or rifle, furnished in ⅞" $1.50, 1¼" widths, $1.95 each, brand new. Rifle sling swivels, quick detachable, 1¼" only, $1.25 per pair. Leggings, brand new, U.S. Army goods, heavy canvas with laces and brass eyelets, $1.00 per pair. Used Colt automatic pistol magazines, $1.75 each, good condition. Taylor precision fishermans barometer, pocket size, $7.50 each. Rifle and shotgun section metal cleaning rods precision quality, all calibers and gauges, $1.50 each, brushes 25¢ extra. Recoil boot, prewar rubber, U.S. Army slip-on style, for shotgun or rifle $1.00 each. Duck and Crow calls $1.50 each, Hawk calls $2.00 each, all treated against tone change. Gent's one inch hand carved all leather western belt, tan, all sizes $1.50 each. Holster for Luger automatic pistol with 8" barrel, saddle leather, brand new, $5.00 each. Ten leather belt holsters for revolver or automatic pistol, any size, with flap, $3.00, without flap, $2.50. Shoulder holsters all leather, $4.95 each. Give barrel length and name of gun for all holsters. Send coin 10¢ for list of sportsmen's supplies available for immediate shipments. Sportmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

PATENTS Without obligation, write for information on steps to take to secure a Patent.

Registered Patent Attorney

JOHN N. RANDOLPH 212 Columbian Bldg., Washington 1, D. C.

Arms Across America

S&W pistol M&P 38 Spec. 2" 4" 5" 6"	$56.50
HD Hi-Standard 22 cal. 4½ 63-4"	51.00
75 Win Target 22 cal.	54.50
1 only Win 21 Duck-Gun 32F 12ga B-T S-T ejectors, new	230.00
1 Ainsley-Fox 12ga 28"M-F A grade, perfect 2 triggers	175.00
1 Win 52 HB 1" Unertl 10X like new	135.00
1 Parker 12 ga 28 M-F v.g.	85.00
Unertl scopes small game coated	38.50
1 Unertl 6x 8x 10X coated	56.50
1¼ 8x 10X 12X coated	76.50
1½ 8x 10X 12X 14X coated	89.00
2X all sizes	125.00
Varmint 6x 8x 10X	73.50
Fecker 1¼ 8x 10X 12X	70.00
Fecker 1½ 5-8" all sizes	96.00
Lyman Alaskan	60.00
Argus Super spot scope 20X	74.50
Dockendorff Goldwire sights	5.75
Redfield Olympic front sights	8.50
Redfield 70 most numbers on hand	8.50
Redfield mts. all sizes	$10.75 to 14.75
Echo mounts all sizes	17.50
Pachmayr mounts all sizes	20.00
Weaver G-4 scopes	9.75
Weaver J.2.5 scopes	22.50
Weaver K.2.5 scopes	37.50
Weaver K.4 scopes	45.00
Sheep-Skin cases scope size 44-48" long finest grade made	12.00
45 auto ammo per 100	5.00
30.06 M. C. 150 gr. per 100	6.00
98 Mauser extractors new	4.00
98 Mauser bolts tripped v. g.	5.00
98 Mauser issue barrels 24" v. g.	5.00
Mauser Actions 98 M. New, Bolt altered, Low Scope	45.00

Dealers Lots, 3 or more, Special Price.

Note: We have practically all modern ammo. factory loads primed cases, bullets 22-25-6-5-7mm 270 100-130 gr 30 cal OPE 110 gr 8mm 170 gr S.P. 30 cal M.C. 150 gr $2.00 100 172 B-T 172 gr $3.25 100

Mauser, Krag Spr. Enf. 45 C.A. parts

LIST FREE.

Flaig's

"Serving Only Sportsmen"

MILLVALE, PENNSYLVANIA

BEST GUN BAG YOU EVER SAW TO KEEP OUT DAMPNESS, RUST, DIRT
Says JOHNNY MOCK—OUTDOORS EDITOR

PROTECTS RODS AND REELS TOO!

Now your valuable guns, rods, reels and other equipment can have positive protection from moisture, rust and dirt at low cost. Store them in heavy-duty, tough Polyethylene plastic Handi-Bags . . . waterproof, airtight, impervious to acids, alkalines, oils and greases. Will not collect or absorb moisture. Metal clip makes tight, convenient closure.

A. Rifle Bag, 8½" x 54" $1 ea;
B. Breakdown Gun Set, 1-7"x24" & 1-4"x36" bag $1 set;
C. Pistol & Sports Set, 3 bags each 8½" x 18" $1 set;
D. Fishing Set, 1 bag 4" x 60" and 2 reel bags $1 set.

You will want several so write today and enclose $1.00 for each set. We ship immediately prepaid parcel post. Satisfaction guaranteed or money back. No C.O.D. Orders.

A.M.G. Handi-Bags $1.00 POST PAID

A.M.G. PRODUCTS CO.
P.O. Box 717 W, Pittsburgh, 30, Pa.

CROSMAN *Silent* RIFLE

Most Amazing Gun Ever Invented for Target and Small Game Shooting

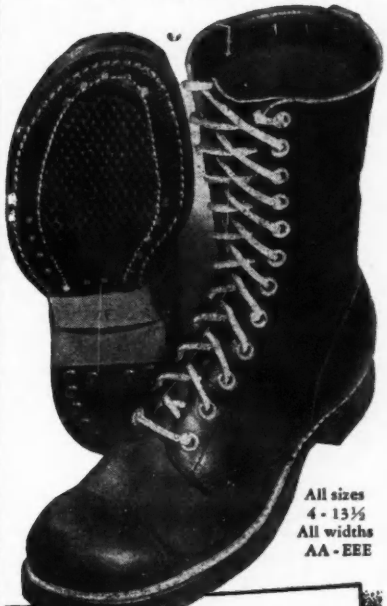
The ideal rifle for year 'round shooting indoors or out. Shoots low-cost SUPER PELLS without noise, odor or recoil. Requires no cleaning. At your dealer or write direct.

Adjustable power—rifled barrel for accuracy. .177 and .22 caliber models. Write for information.

CROSMAN ARMS CO., INC.
29 HENRIETTA ST., ROCHESTER 7, N. Y.

HERE THEY ARE
THE ORIGINAL
Paratroop Hunting Boots

Here are the ideal boots for all kinds of outdoor wear. Same design, construction and quality as famous Paratrooper Boots. Soft, rugged, unusually comfortable and *heavy-oil-treated to keep your feet dry and warm.*



All sizes
4 - 13½
All widths
AA - EEE

No other boot gives you all these EXCEPTIONAL FEATURES

- Made of soft, pliable leather with extra heavy oil waterproofing.
- Full 10 inch height gives proper support.
- Balanced construction gives ideal walking comfort.
- Special heel and toe construction prevents tiring.
- Counter, box toe and bottom filler all leather. Shank is made of steel.
- Heavy reinforcing tape on sides of instep prevents stretching and assures good snug fit.
- Middle sole is leather of outersole quality. Outside tap is rubber, sewed to middle sole in two places and nailed clear through to insole to prevent ripping off.
- Special Goodyear rubber heel gives maximum springiness and reduces hazard of tripping.

$10.87 Plus Postage
Postage only is C.O.D.
PRICE SUBJECT TO CHANGE WITHOUT NOTICE

At this Amazing Low Price

These boots are not government surplus stock. We can offer them at this unusually low price only by selling direct to you. Money back if not satisfied on receiving them.

CORCORAN INC., STOUGHTON, MASS.

Please rush a pair of Paratroop Hunting Boots.

Check ☐ Money Order ☐ for $10.87 is enclosed. I will pay postage C.O.D.

Name _____

Address _____

_____

Regular shoe size and width _____

AR- 2

10-X the PERFECT SCORE the PERFECT SHOOTING COAT

Designed by Riflemen for Riflemen!

10-X riflemen's coats are manufactured by riflemen for riflemen. 10-X riflemen's coats have patented features that no other riflemen's coats can have. 10-X riflemen's coats are worn by more than 80% of the nation's riflemen. You must have a 10-X rifleman's coat.

SEE 10-X AT YOUR DEALERS

— your dealer should have 10-X riflemen's coats in stock. If he doesn't have them, he can get them for you quickly.

NOW AVAILABLE

— the sensational no-slip, diamond tread, rubber elbow pad covers at no extra cost. With this exclusive 10-X no-slip feature, your elbows "dig-in" on any kind of surface, and there just aren't any slipping elbows to spoil your hold — now you can squeeze with confidence.

Write for New Free 1948 Catalog

Just off the press — a new free catalog describing the 10-X riflemen's coats. 10-X skeet and trap shooting jackets, and 10-X riflemen's gloves.

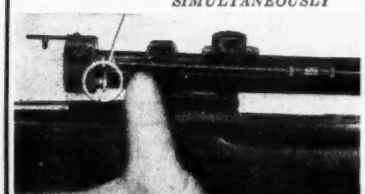
10-X MANUFACTURING CO.

303 ELEVENTH STREET — DES MOINES 5, IOWA

PROTECT YOUR SCOPE

with VISSING LENS COVERS

PUSH BUTTON—COVERS OPEN SIMULTANEOUSLY



RAIN - SNOW - SLEET
SAND - DUST - TWIGS

Can not blur nor mar your scope lenses, when protected with

VISSING LENS COVERS

Regardless of weather conditions you can always be assured that your scope lenses will be clean and clear; hooded from sun and rain when open. Adjustable for individual eye focus.

ELMER KEITH says "I heartily endorse Vissing Lens Covers. Auxiliary iron sights are unnecessary."

$12.75 U.S.A.
Slightly higher in Canada
U. S. & Foreign Patents Pending

E. D. VISSING COMPANY
IDAHO FALLS, IDAHO

State type of scope when ordering

FECKER RIFLE SCOPES

FOR A BETTER SIGHT PICTURE

All sizes and powers in stock. Write for catalogs

MERCURY OUTBOARD ENGINES

ENGINEERED FOR TROUBLE-FREE BOATING PLEASURE

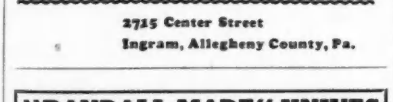
A complete line of outboard engines from 3.6 H.P. to 25 H.P. Illustrated descriptive catalog on request

Sam P. Simpson & Sons

2725 Center Street
Ingram, Allegheny County, Pa.

"RANDALL MADE" KNIVES

The Finest You Can Buy



Hunting—Fishing—Skinning—Carving—Fighting

100% handmade in my own shop, of finest imported Swedish tool steel. Supplied with Heiser sheaths. Higher priced because they are highest quality obtainable.

W. D. Randall, Jr., Box 1988-R, Orlando, Fla.

Send 3¢ for descriptive circular . . . 10¢ for Knife Manual . . . 35¢ for Knife Fighting Booklet.

ANTIQUE FIREARMS, LONG, SHORT AND in-between. Have large selection. Price list. Write wants or visit R.E. Ernst, 804 Madison St., Port Clinton, Ohio. 3-48

LATE 1947 WINCHESTER MODEL 70 .270 improved safety perfect K4 lens covers Echo mounted sling 80 cartridges $190.00. First check. Lester Zyromski, Castleton, New York.

9MM LUGER EXCELLENT ONE BOX WINchester shells $60.00. Springfield sporter very good Redfield 70 receiver sight $85.00. Joe Platt, Baraboo, Wisconsin.

MY DELUXE CARTRIDGE LIST #12 FOR Collectors now ready contains some illustrations, and many desirable items I have not heretofore listed send 50¢ in coin. Carl Metzger, 2305 Canton St., Dallas 1, Texas. 3-48.

OUR LIST OF MODERN ARMS WILL BE sent on receipt of three cent stamp. Kimball Arms Company, Woburn, Mass. tf.

INVENTORS—PATENT LAWS ENCOURAGE the development of inventions. Our firm is registered to practice before the U.S. Patent Office. Write for further particulars as to patent protection and procedure and "Invention Record" form at once. No obligation. McMorrow, Berman & Davidson, Registered Patent Attorneys, 251-X Victor Building, Washington 1, D. C.

16 GAUGE OVERUNDER, 28" RIB, KRUPP barrels, engraved, very good, $150.00. N.C. Nielsen, 1504 Dodge, Omaha, Nebraska.

ONE 12 GA. BAKER "SUPERBA" TRAP gun, single barrel, full choke, good condition, cost $385.00 with fine leather case $175.00. One 513-T Remington target rifle, new $45.00. One 19 N.R.A. Savage rifle good, $35.00. One custom built, by Lefever, .270 Winchester caliber rifle, Mauser action, Remington barrel, new $135.00. B. G. Newhall, 56 Burwell Street, Little Falls, N. Y.

BROWNING AUTOMATIC 12 GAUGE, BARrel excellent, stock few nicks, Nydar sight. Poly Choke $110.00. P.38, perfect, holster, extra clip, $40.00. Radom, bluing worn, holster, extra clip, $25.00. Al Tegge, Iron River, Michigan.

THE ULTIMATE IN PERFECTION IN Workmanship, beauty and utility, Diamond grade Merkel prewar commercial importation, long range game gun, 12 gauge, ventilated rib, single selective trigger, automatic ejectors, fully engraved with 8 gold inlaid ducks and pheasants, stock and full Beavertail fore-end fully skip-space checkered, hand carved and inlaid, new $950.00; 10x50 Commercial Zeiss binoculars, new condition, $200.00; 7x50 Bausch and Lomb Navy binoculars, new, coated, $135.00; Argus 20X telescope coated $60.00; exceptionally beautiful side panel Borschardt junior Varminter, an outstanding rifle in every respect, $225.00; $500.00 or better grade fully engraved Francotte double 12 gauge, Miller selective single trigger, stock lengthened, $350.00; flat top Bisley $100.00 S. F. Colladay, Rt. #1, Jessup, Maryland.

YOUR COPY OF THE POPULAR SERVENMetzger publication "Colt Percussion Pistols" awaits you, 101 illustrations supported by new indispensable data $3.75 postpaid. Limited number of the companion monographs, "Paterson Pistols" and "Colt Dragoon Pistols", yours at $3.00 each. Carl Metzger Publisher, 2305 Canton St., Dallas 1, Texas. 3-48.

BARREL ONLY, REMINGTON M11 AUTO. 12 ga., full choke, 28", excellent $20.00. Remington M510 .22 Mo-Skeet-O shotgun, good, $10.00. Winchester M'03 .22 autoloading, good to fair, Lyman 422 scope (no cross hairs) $30.00. Carton of ammo for above at 60¢ per box. D. Talbut, Whitehouse, Ohio.

CUSTOM MAUSER 220 SWIFT, HOOPER barrel, D.S.T. deluxe, beautiful walnut stock, pad, sling, mounted Zeiss Zielsechs, coated ¼ dot, perfect accurate, $325.00. A.E. Brannan, Syracuse, Kansas.

MAUSER PISTOLE, 7.63MM. GOOD, 10 rounds, $50.00. John Scott, 1600 4th Avenue, Bessemer, Alabama.

SHOOT WITH A MUZZLE CAP ON YOUR rifle, shotgun, pistol and play safe. Positively keeps bore of firearm free of dirt, moisture, snow, dangerous obstructions under all firing conditions, range or afield. Simple to use. No effect accuracy, breech pressure. Made of Neoprene. This sensational gadget, endorsed everywhere, makes ideal scope cover also. Shooters! Get your seasons supply by return mail, 35¢ dozen, or 3 dozen for $1.00 postpaid. State whether for rifle, pistol, shotgun, scope. Woodford Mfg. Co. Lyndhurst, Ohio. tf.

WANTED

SPRINGFIELD & MAUSER ACTIONS

HIGHEST PRICES PAID.

SPICER'S SERVICE — ROSEVILLE, ILL.

BROWNING OVERUNDER 12-28 SUPERposed full & modified, selective single trigger, very good $200.00. N.C. Nielsen, 1504 Dodge, Omaha, Nebraska.

BACK DATED MAGAZINES — FOREIGN, domestic, art. Any dates. Books, booklets, pinups. Catalogs 10¢. Cicerone's Mart, 863 First Ave, New York 17. tf.

ALWAYS A GOOD STOCK OF COLLECTORS arms and visitors always welcome. House of Guns, 34 Alpine Place, Kearny, N. J. 2-48.

LARGE STOCK OF NEW, USED PARTS FOR Winchester Marlin, Colt's S&W, Reising pistol and others. Send dime for large price list. Pioneer Valley Gun Shop, 19 Beacon Ave, Holyoke, Mass. % Robert Bowe, Life Member. 3-48.

BOUGHT LARGE QUANTITY OF HIGH grade bowie type hunting knives, Pal brand, made for the U.S. Government. They have a 6" tough heavy steel blade and steel trimmings, all chemically treated to prevent rust and glare. The top grade leather sheath is stitched and then riveted for additional strength and is double looped for belt attachment. The no-slip leather grip is 4½" long. Brand new. For hunters, fishermen and dealers. Price $1.10 postpaid. Life Member, Philip Jay Medicus, 18 Fletcher St., N.Y. 7, N. Y.

SELL PERFECT CUSTOM 270, NOSKE scope Ackley barrel, double set triggers, $225.00. Want 300 Magnum. Art Bentley, Shields, Kansas.

SERVICEABLE SA COLT PARTS: HAMMER $2.75; trigger $1.25; gate $1.50; ejector head $1.50; trigger guard $2.75; screws 30¢ each. 20 shot magazine for 30-06 Springfield $6.25. C&B revolver repair parts, moulds, accessories. B. K. Wingate, Box 481, Reading, Penna. 4-48.

PERFECT LATE MODEL 70, 300 WEATHERby Magnum, King-Pike mount, 2½X G88 post & dot scope, Blue line recoil pad, sling strap, Zipper case, 40 rounds Weatherby ammunition, 100 new Remington primed 300 H&H cases. Price $245.00. R. N. Raycroft, 2 Spring St., Ogdensburg, N. Y.

"FR WM HEYM" 12x12x9:3-72 HAMMERless, plated-engraved (see Gun Digest) Wittiner-Prima barrels-everything: good overall $175.00. "Eblen" custom double 16x7:7x57R, hammerless, Krupp Barrels, excellent $150.00. Excellent Rogers & Spencer 44 C&B 90% blue $45.00. Ladysmith 2nd model nickel plated, shoots good, barrel rough $45.00: Winchester 63 auto "Speed King" as new with Redfield 70 rear, ivory front $70.00. M.O. only. Want 21, Remington, Ithaca "skeet" 16 rib. Nelson Vrooman, 628 Scott Avenue, Greensboro, North Carolina.

COLT .38 SUPER, GOOD, EXTRA MAGAzine, holster. Money order $48.00. John H. Wolf, Lena, Illinois.

WINCHESTER 70—30-06 BULL BARREL, Marksman stock, perfect condition, $55.00. Wesley Foster, 513-2nd Avenue, Troy, N. Y.

FOX STERLINGWORTH DOUBLE 12, 30" fluid steel full choke barrels, good to very good, $50.00. H. J. McGinnis, Rt. #1, Box 217, Bend, Oregon.

ZEISS 8x25, $65.00. E. LEITZ, DIENSTGLAS, 6x30, $70.00. Optically perfect, exterior wear. No cases. Mannlicher carbine, 8x56, 19-¾" barrel. Hensoldt Dialytan 4X, excellent, $200.00. R. L. Rogers, Orange, Virginia.

SMITH AND WESSON, M&P, 4", BLUE, EXcellent. M.O. $45.00. C. R. Kiddoo, 1219 So. Evanston, Tulsa 4, Oklahoma.

.45 COLT AUTO ROUGHNESS IN BORE perfect otherwise, money order $45.00. Member. R. E. Dunlap, Rt. #11, Box 577, Memphis, Tennessee.

ALL KINDS OF AMMUNITION FOR SALE. modern, old and obsolete. This is my specialty. Only factory loads. Send stamp for new 1948 box lot list, including many hard-to-find types. The 65 page illustrated collectors catalogue with 1948 supplement for 35¢, postpaid. Supplement alone 10¢. I particularly want to buy 40-82, 45-90, 6mm. Lee, 6.5 Mannlicher-Schoenauer, 38-72, 45-60, 40-65, all Jap types, 8mm. Lebels and many others. So write what you have and state price. No offers made. Will trade Modern ammunition for your unwanted lots. Inquiries answered promptly, please enclose stamp. This is a full time business, devoted to ammunition so deal with the specialist who knows his products thoroughly. Life Member, Philip Jay Medicus, 18 Fletcher St., N.Y. 7, N.Y.

"The combination of BLU-BLAK and the Professional tank unit is giving our customers a quality of service that builds business with prestige."
RALPH KRIEGER & SON
See page 73 Mt. Clemens, Mich.

Sportsmen...

Get your full color Samworth Gun Print

NOW!

A new, authentic, full color historical print, suitable for framing, reproduced from Gayle Hoskins' vivid painting. Reproduced in six colors—print measures 25 x 17 inches. Suitable for any room. Immediate delivery.... $5.00

Pennsylvania Rifle Frolic 1775
By Gayle Hoskins

MAKE YOUR GUN BOOK COLLECTION THE BEST

PROFESSIONAL GUNSMITHING

by Walter Howe

$6.00

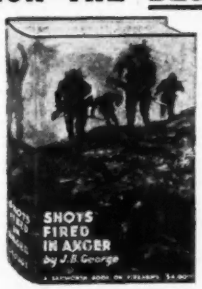
BUY SAMWORTH BOOKS

A full yard of books in this fine shelf of thirty technical gun books.

Order this popular Riflemen in Combat book now.

SHOTS FIRED IN ANGER

by J. B. George **$4.00**



Published By
THOMAS G. SAMWORTH
Small Arms Technical Publishing Company
PLANTERSVILLE 7, S. C.
NEW 20 Page Catalog for 3c Stamp

BULLET POINT PROTECTOR

Stop recoil smashed bullet points with a Bullet Point Protector in the magazine of your rifle. Get your rifle ready for spring shooting now! You don't deliberately smash the bullet noses of your ammunition before loading your rifle, and you certainly wouldn't buy ammunition with deformed bullet points, so why let your rifle recoil do this.

If you believe bent, smashed, or blunted bullet points give you better Accuracy and penetration, don't buy a Bullet Point Protector because this gadget holds the ammunition at the rear of the magazine and does not allow recoil to pound the bullet noses with the front of the magazine. This gadget also prevents ammunition jamming in magazine because bullet points never touch.

For following rifles and calibers:

SPRINGFIELD, 30-06, .270, 8M.M., 7M.M., 6.5M.M., 25 06, .257, and Magnums or Wildcats based on '06 case.

ENFIELD, Same calibers as Springfield. For 5 shot magazines and 30S Remington, grind off bottom to fit your particular magazine. We will also send with each Enfield Protector, instructions on how to eliminate feeding troubles from receiver to chamber.

WINCHESTER Model 70 & 54, calibers 30-06, .270, and 7M.M.

Easily installed—Guaranteed—Lasts a lifetime.
Discounts to dealers and gunsmiths.

FLOYD F. HELD CULDESAC, IDAHO

HANDLOADING EQUIPMENT

CASES — PRIMERS — BULLETS

Serving the handloaders with a complete line of loading tools, scales, powders and other supplies. Send 25¢ for our new catalog.

WISLER WESTERN ARMS, INC.
63 2nd St. San Francisco 5

SHOOTING EQUIPMENT

Mossberg Spotshot Scope, 20X	$22.30
Argus Super Grade Spotting Scope, 20X coated lenses	74.50
Argus Scope Stand, black	8.50
Freeland DeLuxe Scope Stand	9.50
Win. 69 Match .22 Rifle, Lyman 57E, sling, 5½ lbs.	35.80
Win. 75 Target, Lyman sights	57.75
Stevens 416-2 Target Rifle	48.40
Win. 52 Standard, no sights	79.50
Win. 52 Std. Lyman 48F, 17A	95.05
Win. 52 HB, no sights	89.15
Rem. 513-T .22 Target Rifle, sling peep sights	53.50
Rem. 513-T Rifle, no sights	45.05
Rem. 37 Match Rifle, Rem. rear, Redfield front, sling	113.60
Rem. 521 TL "Junior Special" Target Rifle, Lyman 57 rear, 7 shot, sling, 7 pounds	34.95
Mossberg 44 U.S. Repeater	27.90
Colt Govt. Model 45 Auto Pistol	65.00
Colt Super 38 Auto. Pistol	65.00
Colt Official Police 4", .38 Spec.	65.00
S&W, Mil & Pol, 4 or 5", .38 Spec.	56.50
Hi-Standard H.D.M. .22 Auto. Pistol, 4½ or 6¾" Barrel, Blue	51.17
10-X Aristocrat Shooting Coat	10.50
10-X Imperial Shooting Coat	13.00
New Regulation Sling, 1¼"	1.75
Good Used GI Sling, 1¼"	.85
Sheep Lined Rifle Cases	9.95
For Rifles with Scopes	12.95
Rem. Palma Kleanbore & Targetmaster, Peters Dewar & Police Match, Western Super Match, Win. EZXS Staynless .22 L.R. Match Ammunition, 1,000	12.92
Regular .22 L. R. Cartridges, state brand preferred, 1,000	10.76

Special case price on .22 ammunition to Club Secretaries.

All items sent prepaid, except ammunition. We have many more items in stock. Write us your needs.

Southwestern Distributor Official N.R.A. Targets

THURMAN RANDLE & CO.
208 N. Akard St. Dallas 1, Texas

Coach of Champions uses the Mark 218

GENE BUNSTINE
VETERAN COACH
of the Adobe Walls Junior Rifle Club, Los Angeles, undefeated in 21 consecutive matches 1946-47, has this to say:

"The Mark 218 is a fine scope for junior marksmen. It is inexpensive, easy to use, sturdy and gives all the definition any small-bore shooter needs. Our club has a Mark 218 and by carefully spotting every shot our marksmanship stays high."

D
mark 218
38 mm. Objective
Coated Lens

Junior or Senior shooters will like the crisp, clear image through the Mark 218. Its high quality and low price make it a must for any shooter. Buy one—Stick it in your Pocket.

DAVIDSON manufacturing co.
5146 Alhambra Ave. Los Angeles 32, Calif.

WALNUT STOCKS
IMMEDIATE DELIVERY
PRECISION MACHINE INLETTED
SATISFACTION GUARANTEED

Enfield, Krag, Springfield, Mauser, Jap. 25 and 31 calibers. Regular or Monte Carlo models, with or without cheek rest. We guarantee our precision machine inletting is the most accurate in America. Using a knife, file and sandpaper, an amateur can bed an action in less than 3½ hours; an expert 1½ hours. Exclusive time-proved designs created by expert gunsmiths.

$6.50 POSTPAID

With knurled Tenite butt plate, pistol grip plate and forearm tip unattached and with screws furnished. Butt plate, pistol grip plate and forearm tip available in black, ivory or mottled walnut.

Stocks sanded and with butt plate and pistol grip plates attached $7.50. Add 75¢ for attaching forearm tip. Ivory or black spacer plates installed between stock and butt plate, pistol grip plate and forearm tip. Add $1.50. Add $5.00 for stock completely hand inletted so that rifle will drop right into place.

SECONDS in regular sporter stocks with knurled Tenite butt plate, pistol grip plate and forearm tip unattached but with screws furnished available at bargain prices: With small knot hole or checks in rear part of butt, quickly repairable, $4.50, postpaid. With medium knot hole or cracks in forearm, repairable, $2.50, postpaid.

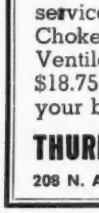
MANNLICHER STOCKS
Mannlicher stocks in all the above models. Delivery March 1. Order now! Precision inletted with knurled Tenite butt plate and pistol grip plate (black, ivory or mottled walnut) attached. Outside of stock sanded $11.50.
Add $6.00 for complete hand inletting; $1.00 for installing black or ivory spacer plates.

WRITE TODAY FOR FREE CATALOG 39
HERTER'S
WASECA, MINNESOTA, U. S. A.

A POLY CHOKE

on your favorite pump or automatic shotgun makes it Nine Guns in One. Send us barrel only, give overall length desired, and we do the rest here in our own shop with two-day service. The regular Poly Choke is $14.75, and the New Ventilated Poly Choke is $18.75 complete. We return your barrel prepaid.

THURMAN RANDLE & CO.
208 N. Akard St. Dallas 1, Texas



FEET HURT?
TRY DR. BARRON'S NEW FOOT CUSHION
Do you suffer from metatarsal callouses, corns, weak arch foot pains? Try **Dr. Barron's New Foot Cushions. LIKE WALKING ON A PILLOW!** Soft, **Spongy, Air-ventilated.** Fits all shoes. Cushions your **arches** and **feet** from heel to **toes.** Dr. Barron says: "Wonderful for tired, aching feet!" Send only $1.98 for **A PAIR,** or C.O.D. plus postage. **State shoe size and if MAN or WOMAN. 30-DAY TRIAL GUARANTEE.** Money back if no blessed relief.
ORTHO, INC., 2700 Broadway, Dept. 144B, N.Y.C. 25

Shot Shell Wads
10, 12, 16 & 20 ga. per M

⅜" Special Fibre Wad (Felt type)	$3.50
¼" Special Fibre Wad (Felt type)	2.50
.135" Nitro Card for over powder	1.50
"B" Card Wad for over shot	1.25

Alcan Paper Co. WOOD RIVER, ILLINOIS

219 IMP. ZIPPER HI-SIDE ACTION NEW barrel, fancy stock, dies no sights $100.00. Heavy barrel Springfield #1,182,183 target stock, no sights, new barrel $150.00. Model 12- 12 ga. excellent, Weaver choke Nydar, Beavertail fore-end Monte Carlo stock $20.00. Guy Moody, Ft. Pierre, S. Dak.

PARKER D.H. GRADE, 12 GA. 2 SETS BARrels 26" & 28" (Damascus) collectors item only Plain ejectors pistol grip. Perfect condition, price $100.00. Walter T. Matson, 571 Pond Point Avenue, Milford, Connecticut.

SPRINGFIELD SPORTER, LEFT-HAND ACtion, rebarreled 30-06, Redfield receiver rear, ramp bead front, beautiful stock, checkered, right-hand cheekpiece, swivels. Excellent in and out. Made by Naval Co. Cost $215.00. First money order $150.00. W. D. Hall, 204 Home Avenue, Burlington, Vermont.

12 GAUGE "SPORTSMAN" 28" POLY choke, excellent $130.00. W. F. Crawford, 318 5th Street, Riverdale, No. Dak.

SHARPS-BORCHARDT "OLD RELIABLE" Long model .50, very good, $75.00. Colt .32 nickeled Police Positive good inside, poor out, $35.00. 7x42 Hensoldt Jagd-Dialyt, C.W.F., case. Excellent, $120.00. Fred Tonne, Shawano, Wisconsin.

RARE GUNS: BEAUTIFUL FLINTLOCK Kentucky pistol, lock marked Michael Fink, excellent outside, bore good, rifled, unmarred, fiddleback wood, 5½" barrel, about .52, $200.00. Large Flintlock pistol, Italian by Avnavdio, very ornate, silver fittings, engraved, v.g. $70.00. German Scheintod pistols, one three shot and one two shot, (back issues Rifleman) good, rare, $25.00. Engraved 1866 brass frame Winchester, evidently presentation, .44 Henry Flat, carbine, selected wood, stock had been broken at pistol grip but repaired, $70.00. 7.65 Russian Tokarev, blue worn, bore rough, good working or shooting order, $30.00. Excellent .31 Colts C&B, numbers match, some original blue, unmarred, $30.00. Commercial .45 1911, some blue wear, otherwise excellent, Audley holster, fine outfit, $50.00. McCord Gun Company, Henryville, Pennsylvania.

NEW GUNS—MARLIN 39A .22 LEVER ACtion $50.00 prepaid. Marlin 81 DL .22 tubular repeater $25.55 prepaid. L. C. Smith 12 dbl. 26" $96.00. Weaver K6 $48.50. K4. $45.00. K2.5 $37.50. 12.5 $22.50 scope. Folders on request. George Bambas Sporting Goods, Dept R. Richmond, Illinois.

42 MAUSER JOHNSON .257 LIGHTWEIGHT sporter, Alaskan, Redfield mount, perfect, except stock defect $125.00. R. Lowrie, 146 Astor Ave. Hawthorne, N.Y.

257 MAUSER CUSTOM FACTORY STOCK new $110.00. Zeiss Zielvier 4X excellent $45.00. Walther 12 gauge auto v.g. to excellent $85.00. E. H. Worth, Ft. Devens, Mass.

MUZZLELOADING KENTUCKIES, GUNS powder flasks; parts price list, 10¢. Ollie Miller, 417 Kingston, Lemay, Missouri 6-48.

MOUNTED STEER HORNS FOR SALE. Seven feet spread. Free photo, $100.00 per pair. D. L. Bertillion, Mineola, Texas.

ONE .270 MAUSER JOHNSON BARREL, REDfield receiver sight. Bishop stock, perfect $100.00. .35 Remington automatic good $75.00. Six Remington auto. 12 gauge shotguns good $55.00 each. 12 ga. Winchester model 97 perfect $60.00. L.C. Smith 12 ga. double 32" barrel, good $60.00. Ithaca 12 gauge double hammerless good $50.00. Springfield double 12 ga. fair $20.00. 12 gauge hammer double good $15.00. Belgium Browning Poly Choke, very good $85.00. Certified check or money orders. Hase Fly & Rod Co., 815 Tower Ave, Superior, Wisconsin.

SCOPE SIGHTED SPORTERS, FINE stocks, .257 & 06 Springfields, Enfields, Mausers, 70 Winchester, .22 B.S.A. Centurian, .300 Magnum Enfields, engraved Schuetzen, prices, condition, description on request. Price list. Atkinson, Box 54, Anniston, Alabama.

OUR CATALOG OF EDGED WEAPONS DEscribing and pricing a museum collection of swords and daggers will be sent on receipt of fifteen cents in coin. Kimball Arms Company, Woburn, Mass. tf.

KILL SKUNKS WITHOUT ODOR, GET MY 100% method guaranteed, works anyplace $1.00. Wiley E. Miles, Lewellen, Nebraska. 2-48.

ARMY TENTS, COVERS, HAMMOCKS, clothing, paints. M. Jarashow, 10-19 Jackson, Long Island City, N. Y.

GUN SWIVELS **Keep those trim lines. Ask for folder. Pr. $3.50**
THE ENOCH CO., 533 N.E. 78th Ave., Portland 16, Oregon

WINCHESTER MODEL 64, CALIBER 219 Zipper rifle, new, $87.35. Cartridges, caliber 219 Zipper, $12.50 per 100. Savage, model 219, hammerless, single shot, 30-30 cal. rifle, $26.20. Stevens .22 caliber single shot target rifle, model 416-2, brand new, $53.20. Remington, bolt action, target rifles, model 513TR, .22 caliber brand new, $53.50. H&R Reising, .22 caliber model 65 autoloading rifle, brand new, $57.50. Japanese Military rifles 31 or 25 caliber as issued, excellent condition, $20.00 each. Colt .45 caliber model 1917 revolver cylinders, brand new, $3.50 each. Forward money order. No. C.O.D. shipments. Send coin $1.25 for Third Annual Edition of Gun Digest together with our complete catalog of new and used guns, ammunition, rifles, binoculars and powder flasks. Our separate catalog 25¢. Public Sport Shops, Dept R75, 11 So. 16th Street, Philadelphia, Penna.

GUNS! GUNS! GUNS! SPECIFY NEW GUN wanted. We will ship same at manufacturer's minimum fair trade price. Cyr Arms, 20-48 Hanover Street, Manchester, New Hampshire.

GUNS & ACCESSORIES. PRICE LIST FOR your wants. Stamp please. J. A. Sawyer & Son, Kittery Point, Maine. 4-48.

ERIC JOHNSON-BALLARD .22 SCHUETZEN, Pope palm-rest, lever, butt-plate, 15 lbs. tapped for scope, fired about 500 times, barrel blue, action brown, matching beautiful figured Pope type walnut stock and fore-end. DST fine, Johnson ejector, excellent to perfect. $150.00. H. A. Van Kirk, Doylestown, Penna.

NEW L. C. SMITH 12 GA. DOUBLES $79.95. Enfield 30-06 sporters K4 Weaver scopes, Redfield Jr. mounts, $165.00. Dave Miller, Marshall-Wells Stores, Deadwood, South Dakota.

WINCHESTER MODEL 21 SKEET 16 GA. fired less than 25 times, perfect condition $180.00. 1½" Fecker 12½ power, excellent $70.00. Winchester 75 target, peep sights very good $35.00. Hi-Standard H-D 4½" perfect $40.00. Winchester 61, .22 caliber pump perfect $40.00. Deo Gagnon, 46 Providence, Taftville, Connecticut.

NEW ALASKAN K2.5", $50.00. A. NAPOM-bejara, 278 Mott Street, New York 12, N. Y.

7E ITHACA 16 DOUBLE PERFECT $500.00 Browning O.U. 12-30 full, excellent $225.00. Over 200 modern and antique handguns, rifles shotguns. Illness compels disposing of collection. Earl Oeth. Four Seventeen Alvord, Evansville, Indiana.

WINCHESTER 70-30-06 HENSOLDT 4X, REDfield Jr. mounts new, $225.00. Winchester 21-30" both full 16 ga. double Beavertail, recoil pad, single selective trigger, sheep lined case, like new $175.00. Mauser 1912 7mm. 22" barrel, Lyman Alaskan, Redfield Jr. mounts, like new $150.00. Sard binoculars 6x42 wide field, coated, with case original cost $200.00. Brand new $95.00. Navy leather sheeplined pants, full length zippers, make 3 excellent gun cases, brand new $7.50. Aeronca 1946 Champion new, trade for Willys Station Wagon. Cartridges 8mm. 170 gr. not reloads 20¢ each. Tomack, Bristol Road, Langhorne, Penna.

35 WHELEN CUSTOM BUILT BY DUMOND, 38 Lyman, very good, $175.00 with shells. Sport Center, 335 East Main. Torrington, Connecticut.

PARKER G.H. DOUBLE 12 13 5/6 x 1½ x 2 straight grip 32". Full & Full Miller selective trigger automatic ejectors recoil pad, very good $225.00. L. C. Smith Specialty double 12 13 7/8 x 1½ x 2 pistol grip Beavertail fore-end raised ventilated rib Hunter selective trigger 30". Full & Full automatic ejectors recoil pad near perfect $275.00. Member. Dan Daup, Millersburg, Penna.

NEW M1 CARBINE STOCKS WITH BUTT plate, recoil plate, also front band spring and new hand guard, complete $4.75. M1 carbine barrels, 30 caliber, without sight, brand new, $4.25; v.g., $2.75; good, $1.50. Magazines, 15 shot, new, $1.50; Used, 75¢; front sight, $1.00; original rear sight, $1.00; Latest adjustable rear sight, $1.50; Trigger springs, 50¢; hammer springs, 75¢; safety plunger, spring and retainer, 50¢; main spring, 35¢; New web slings with oiler, $1.50; New bolt assembly, complete $3.50, add postage. Hudson, R-52 Warren Street, New York 7.

OUR REMODELED STORE—NOW OFFERS complete riding equipment and tack. Gun trades invited. Farmers & Traders Exchange, Chittenango, New York.

REMINGTON MODEL 29T PUMP GUN, 32" barrel ventilated rib Beavertail forearm, very good, price $140.00. B. H. Smith, Severn, Maryland. 3-48.

8x5 7MM MAUSER AMMO.
$3.50 per 20—170 gr. S.P. (minimum 40 rds.)
Special prices in 500 lots
LA CROSSE GUN SHOP
1932 Loomis St. La Crosse, Wisc.

CUSTOM BUILT GUNS

TO FIT *YOUR* SHOOTING

At Reasonable Prices

Have the gun you want, built to your own specifications by gun craftsmen whose own shooting experience assures utmost accuracy and precision in the rifle you'll treasure and use the rest of your life. Stocks are made to any dimensions or shapes in a variety of woods. Barrels are hand-lapped inside and cylindrical-ground finish outside. Complete rifles built or rebuilt in standard or all popular wild-cat calibers . . . priced from $125.00 to $750.00

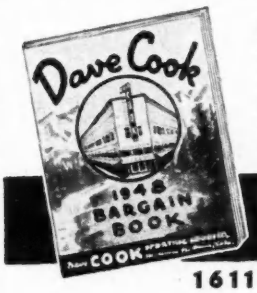
FACTORY APPROVED SERVICE ON ALL STANDARD MAKES

Complete stock of parts and shooters accessories . . .

- *Scopes and mounts—all makes*
- *Redfield and Lyman Sights*
- *Refinishing by Dulite Process*
- *Loading tools, primers and powder*

POLY-CHOKE

A twist of the wrist and POLY-CHOKE gives you the proper choke for any game at any range. POLY-CHOKE makes your own favorite gun "nine guns in one"—gives a better pattern with any load! Standard Poly-Choke $14.75 . . . New Ventilated Poly-Choke $18.75 (prices include installation)



FREE *HUNTING* and *FISHING* CATALOG

This encyclopedia of hunting and fishing equipment is packed with things you'll want—illustrated in color and beautiful rotogravure. It's like having a sportsman's department store brought to your armchair—like a personal visit to the largest, most complete sporting goods institution in America. Everything in this catalog is fresh, new, modern—and guaranteed to give you what you want at prices that make your sporting budget go further. *Write for your copy today!*

DAVE COOK SPORTING GOODS COMPANY
70 Years of Dependable Service to Sportsmen Everywhere
1611 LARIMER STREET • DENVER, COLORADO

SHOOTERS

Many articles wanted today are still on the "hard to get" list.

Listed below are the items we have in stock:

O'Hare Kit Box, size 28¼"x7½"x6½" with tray	$14.00
O'Hare Rifle Trunk, size 47"x9½"x2", loose blocks	17.00
Sheepskin Rifle Cases, Win. 52 & Rem. 37	9.50
for Rifle with Telescope	11.00
10-X Imperial Shooting Coats	13.00
Tuller Leather Shooting Mitts	3.75
Win. M/52 H.B. Target Rifle, without sights	89.15
Win. M/75 Target Rifle, complete with sights	53.50
Win. M/69 Jr. Target Rifle	35.80
Rem. M/37 complete with Rem. Sights	113.60
Rem. M/513TR Target Rifle Complete with sights	53.50
Rem. M/521 Jr. Target Rifle complete with sights	34.95
Fecker and Unertl Rifle Telescopes	
.22 Cal. L. R. Regular and Match Cartridges	
Special price to Clubs in case lots	

When conditions permit, we will again issue a catalog. Write us for prices for your shooting equipment.

P. J. O'HARE
Largest Manufacturer and Dealer in Riflemen's Accessories
552 Irvington Avenue Maplewood, N. J.

SUPERIOR HOLSTERS AND BELTS

S. D. MYRES SADDLE CO.
EL PASO, TEXAS
Write for Catalog

GEPHART "Nu Grip" CASTING RODS

No. 555 Cork Grip
No. 556 Tenite Grip

Special Alloy solid steel—square shaped. Gephart process of actionizing. Adjustable grips—offset handle. Threaded positive reel seat. Hardened steel guides. High grade cloth carrying case. Lengths: 4½—5 ft. only. ..... each **$9.45**

Check or Money Order—NO C.O.D.'s
VALLEY SALES CO. 208 State Street Schenectady, N. Y.

SIERRA RAMPS

Manufactured for **SPRINGFIELD, ENFIELD & MAUSER**
#6-48 Screw Included
$2.25 Each (Postpaid)

GAS CHECKS

8mm, .32, .30, .270
.25, .22 Caliber
Precision Made of Finest Copper
Unlimited Quantities Available
$1.75 Per 1000 Postpaid

Liberal Discount To Dealers
If your dealer cannot supply you send his name.

Harris Machine Co.
312 East Bermudez
Rivera, California

. . . there's a

Williams QUICK-CONVERTIBLE Scope Mount FOR Your RIFLE!

Whatever kind of rifle you have, there's a Williams Quick-Convertible, Bridge Type Scope Mount designed especially for it. For your big game rifle, your Williams Mount includes the auxiliary "ace-in-the-hole" peepsight. Remove scope and attach self centering sight, all without the use of tools. Williams Scope Mounts are designed by expert gunsmiths—each mount has proper ring spacing for perfect balance with minimum overhang—scope can be moved in rings for eye relief adjustment. There's nothing like it anywhere. Quick-Convertible, complete with peep sight—$17.50.

Williams Quick-Convertible Mount on Remington 513TR, 22 Caliber target rifle with K-2.5 Weaver Scope and Litscher Varmint Master. Note ring spacing gives maximum strength and minimum overhang. Williams Q.C. Mounts made for 22 caliber rifles without peepsight for $15.00.

Williams Quick-Convertible Mount on Remington 241, 22 caliber with K-2.5 Weaver—the only mount properly designed for this rifle. "Take down" does not interfere with mount. Rifle can be breech cleaned without touching sighting assembly or changing zero. Q.C. Mount without peepsight for $15.00.

SIDE MOUNTS, TOO!

Williams Quick-Detachable Side Mount made for top-ejecting, lever-action rifles (and some others). The Quick-Detachable, also available in top mounts, is removable in a flash with "push button" release—NO TOOLS

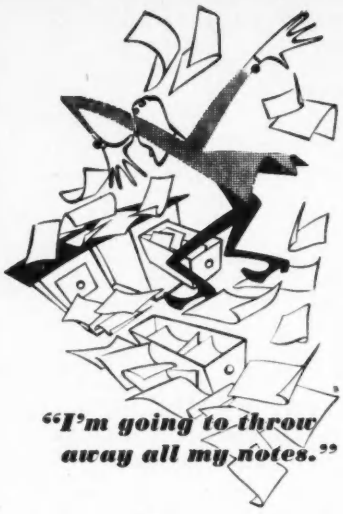
Write for Additional Literature

OTHER WILLIAMS PRODUCTS

White-centered "Dial Scoring" Targets—Sling Straps, including the new Williams Lightweight "Guide" model Carrying Strap—Sling Strap Swivels—Scopes—Sights—and other accessories carried in stock regularly.

Life Members—American Gunsmith Guild
Member—American Rifle Assn.

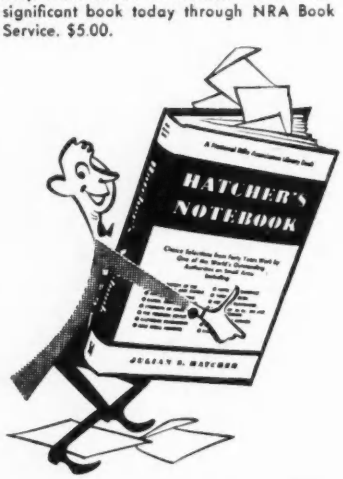
WILLIAMS GUN SHOP
INCORPORATED
ON THE RANGE
7387 Lapeer Rd., Davison, Mich.



"I'm going to throw away all my notes."

"Everything I need is in HATCHER'S NOTEBOOK . . . where I can find it, too!"

Yes, every shooter can say goodbye to the note-littered desk. For here in one compact volume is the accumulation of forty years of fact-finding gun experience . . . prepared by America's most respected technician, Maj. Gen. Julian S. Hatcher. Order this significant book today through NRA Book Service. $5.00.



NATIONAL RIFLE ASSOCIATION
SCOTT CIRCLE, WASHINGTON 6, D. C.

JAP RIFLES
RECHAMBERED AND FITTED FOR FACTORY CARTRIDGES

.25 or 6.5 m/m altered to 6.5 x 55 m/m Mauser $15.00
.31 or 7.7 m/m altered to .300 Savage $15.00

INCLUDING TEST FIRING

6.5 x 55 m/m Mauser, 154 grain Softnose, 138 grain Spitzer boattail, Box of 20 ..... $4.00
9 m/m Luger, (Fits P-38, Browning H.P., etc.) Box of 50 ..... $4.50
9.3 x 74 Rim m/m Rifle 285 grain Softnose, Box of 10 ..... $5.50

FACTORY AMMUNITION NMNC COMPONENTS

8 m/m Mauser, RELOADS, 170 grain, Softnose, Box of 20 ..... $4.00

MINIMUM ORDERS TWO BOXES

SPORT SUPPLY OF CALIFORNIA
P. O. Box 396 Montrose, Calif.

30-40 KRAG GOOD CONDITION, BOND RE-loading tools, bullet sizer, 100 empty cases, Ideal mould 308241, dipper, $65.00. Norbert Hay, Trenton, Nebraska.

REMINGTON 513T .22 CALIBER H.B. TAR-get rifle, perfect, Redfield sights, drilled for scope $50.00. Robert White, Greenport, New York.

ANTIQUE AND MODERN FIREARMS AND edged weapons price list 5¢. Lester Freedland, 607 Greenwood Avenue, Brooklyn, N. Y.

PERFECT SPRINGFIELD 1863, ACCESSO-ries, $40.00. V. G. Charleville 1764, Continental Army, scarce, $70.00. Springfield 1808-10, bayo-net, good, $38.00. Early Flintlock, bayonet, Revo-lution, 1812 wars, history attached, $35.00. J. R. Bright, Far Hills, N. J.

SUPERB NEW N.S. SPRINGFIELD .270, Knight altered, checked, damaskeened bolt, safety, Johnson barrel, blue job, New Alaskan Stith, Ly-man ramp, no stock, $170.00. Less scope-mount, $90.00. Exquisite hand craftsmanship. Howard Dye, Dryden Road, Ithaca, N. Y.

BSA .22, 11½ LB. MONTE CARLO, $115.00 10X Targetspot, $50.00. Excellent. M. V. Cod-dington, Tipp City, Ohio.

COLT NATIONAL MATCH, 45 AUTO. PRE-war, regular & pearl grips fixed sights excellent $90.00. Fisher-Montville, Connecticut.

7.65MM. LUGER OUTFIT, 11¾", DWM, squeeze safety, perfect, $110.00. 7.63mm. Mauser, model 712, extra 10 shot and two 20 shot maga-zines, perfect, $150.00. .22 L.R. Fiala pistol outfit, model 1920, nickel, interchangeable bar-rels (2), perfect, $100.00. 8x30 Monte Carlo binoculars, central focusing, case, perfect, $100.00. Arthur Leidesdorf, Elberon, New Jersey.

30-06 LATE ISSUE 150 GR. 5¢. .45 AUTO midrange 5¢. 110 gr. 30-06 handloads 8¢. Low-side Winchester SS sporter custom stock, pied heavy barrel excellent in and out $45.00. E. M. Fuller, 207 South Toledo, Tulsa, Oklahoma.

NEW SPRINGFIELD BOLTS, STRIPPED, 30-06 caliber, $2.50 each. Kerr web slings, 1¼", new, with slightly rusted buckles, $1.00. Hudson, R-52 Warren Street, New York 7.

STEVENS MODEL 325, 30-30 BOLT ACTION carbine. Perfect condition, never fired, $38.25. William Hake, 17 Forest Lane, Scarsdale, N. Y.

MOSSBERG 151M .22 automatic with Weaver K2.5 both very good $65.00. Robert Scheuring, Greenwood, Wisconsin.

POTTER VICTORY DUPLEX, 38 special and .45 automatic dies, subbase, measure, primer magazines, very good $50.00. Wendell Wolf, 409 Northwest, Freeport, Illinois.

LADYSMITH, MODEL M, 3", BLUED, VERY good $50.00. Rare Savage .45 auto, 10 shot, Government holster, very good $85.00. A. W. Thresher, Box 3, Bristow, Virginia.

ANNOUNCING NEW CATALOG #27 DE-scribing over 5000 bargains 40¢. Brand new 45-70 Springfield $32.50. Plenty ammunition $2.50 box. 30-06 barrels, good $6.50. Springfield stocks $4.50. Springfield service rifle, excellent $68.50. Krag Sporter, excellent $66.50. 32-40 Marlin 93, ex-cellent, $58.50. 32-40 Winchester 94, good $58.50. .22 Winchester 69, new $32.00. .22 Colt pump, good $34.50. 38-40 Colt pump, good $46.50. Luger or .45 Colt automatic, excellent $54.00. P.38, ex-cellent $42.00. 41x4¼" Colt Frontier, good $68.50. 41x4¼" Bisley, excellent $72.50. 45x7½" Fron-tier, silver and gold finish, fancy grips, good $86.50. Many Frontiers, automatics, Kentucky rifles. John Smith, Rambler Avenue, Runnemede, New Jersey.

SPECIAL W&S GUN SERVICE, PERIOD restoration, American antique arms custom de-sign of modern firearms. Write Farmers & Trad-ers Exchange, Chittenango, New York. 3-48.

NEW BARRELS FOR 1917 S&W, .45 CALI-ber, not stamped U.S. prop., $7.50 each. U.S. Springfield short bayonets with out wood grip, new, $1.50. Hudson, R-52 Warren Street, New York 7.

PARKER AHE, 30 F&F, S.T., MILLER, VEN-tilated rib, Beaver tail fore-end; about 1 7/16 x 1-5/8 x 14¼. Excellent or better, with Circassian beautiful stock, pad and gold pistol grip cap $850.00. Ithaca #7E 16, S.T., M&F drop 1⅜x 2⅝x14 pad. Excellent or better $500.00. Frank Pugliese, 2829 So. Broad St., Trenton 10, New Jersey. tf.

"We have turned out many fine jobs and satisfied many a customer using BLU-BLAK—cannot praise it too highly."
W. F. MATTHEWS & SON
West Lafayette, Ind.

See page 73

MT WOODSMAN—SANDERSON GRIPS, EXcellent $65.00. Weaver J2.5 new, $19.00. O'Hare micrometer, v.g. $3.00. Leica-Elmar, F-5cm 1:3.5, case, new $260.00 M.O. H. Dager, Gen. Del. Las Vegas, Nevada.

NEW CUSTOM 220 SWIFT RIFLE, BEAUTIful inlaid stock, barrel by Pfeifer, drilled for scope. Priced for quick sale $110.00. Philip Cook, Pasadena, Maryland.

POST WAR WINCHESTER MODEL 12 TRAP. Ventilated rib, Beavertail extension forearm, pistol grip, factory condition, shot five boxes of shells. Inspection privileges $150.00. Thomas W. Scott, R.D. #3, Danville, Montour Co. Pennsylvania.

REMINGTON MODEL 37 RANGEMASTER excellent $90.00. Segley Springfield sporter 30-06 excellent $100.00. First money orders. J. Duguid, 1805 Abbott Avenue, Anniston, Alabama.

SHOTGUN PARTS: ONE MODEL 97 WINchester receiver, 3-model 10 Remington receivers with magazine tubes, 3 Fulton double barrel receivers, 9 Springfields double barrel receivers, 4 Springfields receivers single, 3 Belgium Browning receivers with Mag. tubes, 3 L. C. Smith receivers, 2 Remington auto. receivers, 5 model 97 Winchester barrels, no pitts (needs rebluing), 1 Fox receiver, 2 Ithaca receivers, 1 L. C. Smith receiver and stock. All above parts for a 12 ga. Entire lot, first money order for $125.00. N.R.A. Member. Hase Fly & Rod Co., 815 Tower Avenue, Superior, Wisconsin.

.22 MASTERPIECE, .38 SUPER COLTS, Military & Police, .38 Hi-Standard H.D. All new in stock. Price List. Farmers & Traders Exchange, Chittenango, New York 3-48.

HEAVY MAINSPRINGS FOR GUN NUTS making their own speed actions. For Mauser, Enfield, Springfield, Krag. Firing pin rods must be cut down slightly to take springs $1.00 each, 4 for $3.00, 8 for $5.00, $50.00 per 100, prepaid. Kenneth Clark, Madera, Calif. 2-48.

1905 WINCHESTER .32 SELFLOADING FAIR to good 50 rounds $50.00 money order. John Peavy, 807 Swope Avenue, Colorado Springs, Colorado.

1800 SPRING BALANCE FOR VICKERS 7.62mm. machine gun, made for Russia 1916 by Colt; tests up to 20 Russian poods collectors item made of brass, resembles a small weighing scale, 5 for $1.00. Hudson, R-52 Warren St., New York 7.

WINCHESTER DELUXE MODEL 71-348 EXcellent $87.50. Winchester 70-220 Swift 330 Weaver Stith. New unfired latest model $155.00. H. O. Kinney, % P.G.&E Santa Maria, Calif.

MAGNUM MAUSER .280 DUBIEL SPORTER, Lyman Alaskan, Stith mount, ramp front, very good in, good out. Dubiel resizing dies, 700 WTCW and Barnes bullets about 75 used cases all for $275.00. Magnum Mauser .280 Dubiel medium target barrel, cheekpiece and checkered circassian stock, ramp front Lyman 48, scope blocks superbly accurate, very good in, good or better out. 800 WTCW and Barnes bullets, Schmidt model 20 tool and resizing dies Dubiel seater, 75 used cases complete outfit $275.00. Winchester .348 recoil pad, 2 boxes cartridges, perfect in, good out, $90.00. L. G. Humphrey Box 286, Olathe, Colorado.

.35 REMINGTON MODEL 141, K2.5, STITH, ammunition, excellent, $120.00; .270 Winchester, Mauser action Johnson barrel, altered bolt, Eads safety, beautiful custom walnut stock, K2.5, Redfield Jr., ammunition, $165.00; factory new Easton tool, 22-250 and .257 Roberts dies, $55.00; perfect NS Springfield action, $35.00. Paul Elder, 103 Hollywood Drive, Trenton 9, N. J.

7MM. MAUSER SPANISH, LOEWE BERLIN, as issued, very good $45.00. J. H. Tanner, Paris Pike, Lexington, Kentucky.

ERIC JOHNSON H.B. WINCHESTER 52, Lyman 10X Targetspot, Lyman rear, Redfield front, Hart sling, 10X coat, Parker rod, gun trunk, other accessories included, good to very good, complete outfit, $250.00. C. L. Woodworth, Box 114, Athens, Ohio.

JUST RECEIVED — NEW UNERTL VARmintmaster 6x-8x scopes, $75.00. Immediate deliveries. Sportsmen's Headquarters, Box 1078, Palm Springs, California.

REMINGTON 513T WITH REDFIELD REceiver sight and Weaver 330 scope and Redfield mount, excellent #76831, $58.75; shipped COD freight collect or money order prepaid. Outdoorsman, 717 Fremont, Las Vegas, Nevada.

MAUSER GUARD SCREWS

—short or long, 50¢ each. Discounts on large orders—any quantity available!

C. R. PROVOST, 112 Charles St., St. Paul, Minn.

Are you a gunner?

For the man who keeps in practice—who does his "homework" at the traps, this Woodfield Trap and Skeet Coat is just the thing. Special construction permits free arm and shoulder movement! Quilted, lightweight, flexible leather recoil pad. Model for right or left-handers.

Your dealer can show you this and the new *sleeveless* Woodfield Trap and Skeet Coat—also the Woodfield Rifleman's Coat for match shooting. If dealer has no stock, write for illustrated circular.

FISHING • HUNTING • OUTDOOR CLOTHES
THE DRYBAK CORPORATION
BINGHAMTON, NEW YORK

WOODFIELD
BY Drybak
SINCE 1900

SAM BOND

NEW PHILADELPHIA, OHIO

WINCHESTER TARGET RIFLES

M/52BG 105.55. M/25HB 89.15. M/52 Std. 79.50. M/75 53.50. M/69 20.60, 21.50, 25.15, 35.80. M/70 Target 151.80.

WINCHESTER and WESTERN CTGS.

22 L.R. Reg. 10.76 M. Match 12.92. 32 S&W W.C. 2.00. 38 Spec. W.C. 2.65. 38 S&W 158 gr. 2.50. 45 Auto. 3.90. Clubs write for special case lot price.

ACCESSORIES

Jumbo Woolskin Gun Cases, Barktanned Oil Treated Cowhide Trim, Handle & Strap Std. size 9.60, for Rifle with scope 11.25. Best Buy Today, Bond Arm Band 4.50. Sling 1.50, Hook .50. 10x Coats 13.00. Good Used Army Slings .75. Metal Keepers 1.50. Lehman Mounts 9.00. No-Slip Butt Plate 2.00. Recoil Pad 1.25. Pot-Shot Lens Covers 2.50.

SIGHTS and SCOPES

Unertl-Fecker-Weaver (Lyman Limited Supplies) at regula rlist price. Redfield Olympic 15.75-8.50, Lyman 48, Enfield & Mauser 12.50, No. 77 5.00, G.H. Fr. 7.50. Unertl Tube 24.00. Right Angle Scope 96.00, Bausch & Lomb Draw Tube 40.00.

LOADING SUPPLIES

Lyman True-Line Press 22.00, Pacific 28.75-35.75, Lyman No. 55 Powder Measure 10.00, Pacific Scales 8.50. Primers All Sizes 6.00 M, Bullets, Cases, Limited Supplies.

AVIATORS' BOOTS...

WARM ■ RUGGED ■ COMFORTABLE

Yes, brand new Army fliers' boots—just released as war surplus! Ideal for sports, hunting, ice fishing, outdoor work, riding, flying, school and stadium wear, shopping, "heavy" weather. These boots are really rugged . . . built to rigid Army specifications. Now offered at a fraction of their original cost!

THE IDEAL ALL-ROUND BOOT

Just right for the outdoor man or boy! (Women love their luxurious warmth, too!) Wear them with or without shoes.

- **WARM — completely sheep-lined (just like a mitten).**
- **RUGGED — heavy waterproof rubber bottoms; tough, non-slip soles; sturdy spring-lock zipper with rawhide pull.**
- **HANDSOME — soft, flexible, heavy leather uppers (brown). Full 10½" height.**
- **COMFORTABLE — two adjustable straps for real snug fit.**

Order by mail today—*immediate delivery!* Send check or money order (add 50¢ for postage and handling) or order C.O.D. Mention your shoe size (we can't fit sizes larger than 10½). *Satisfaction guaranteed,* of course.

ORDER BY MAIL

ONLY $9.95

(Plus 50c for postage and handling)

HUGH CLAY PAULK
Dept. M-56
813 No. Kansas Ave., Topeka, Kansas or, 49 Falmouth St., Boston 15, Mass.

Please send me _____ pairs Aviators' Boots. My shoe size is _____.

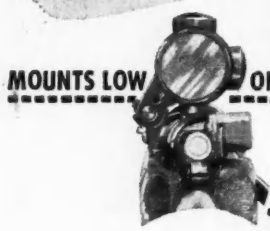
Name _____

Address _____

City & State _____

ORDER YOUR BOOTS TODAY!

Pachmayr LO-SWING SCOPE MOUNT



MOUNTS LOW ON RECEIVER

Low . . . where a scope is easiest to use . . . *swing it* to side for instant use of iron sights when needed in bad weather. Precision made throughout . . . swings on hardened steel cones . . . unconditionally guaranteed. Fits all leading rifles.

$20 *at Your Dealer*

SWINGS TO SIDE INSTANTLY FOR USE OF IRON SIGHTS

The best by actual test! You be the judge!

PACHMAYR Recoil Pads

for shotgun or rifle

Made of Neoprene... not affected by oil, solvent, water or weather. Two sizes... 2 colors. Unconditionally Guaranteed.

$3.25 at Your Dealer or Order Direct

Investigate the many superior advantages of the Lo-Swing Scope Mount at your dealer today or write for free literature.

PACHMAYR GUN WORKS

1220 So. Grand Ave., Los Angeles 15, California

THE *Monette*

Ready for Action

For the first time, high magnification and wide field are combined in a fine optical instrument small enough to fit in any pocket.

The new Monette 8 Power Prism Scope is always ready for instant use. Compare these features:

- Straight line Z-Prism, hitherto used only in military instruments.
- Smallest, handiest scope; magnification, field, and sharpness equal to finest prism binoculars.
- No offsets, no projections, no straps, no fumbling; no longer than a fountain pen.
- Handsomely mounted with hand-sewn cover of top-grain pigskin. Optics coated throughout.

Deluxe Monette in black finish, $49.50; custom Monette, with gold finished fittings and suede case, $59.50; no federal tax. At the finer stores or from

KOLLMORGEN *Optical* **CORPORATION**

4 Franklin Avenue
Brooklyn 11, N. Y

USED BUT REBUILT IN CLEAN, GOOD CONDITION!

ARMY SHOES $2.49 AND COMBAT BOOTS

A Pair

$3.50 A Pair 2 Buckles 5" Straps

Now you can wear these sturdy, all weather Army Shoes. Will last and stand up under the toughest wear. Fits comfortably. thick soled, strong leather, Russett tan color only. All sizes. Valued about $5 to $10 a pair. Army shoes only $2.49 a pair. Combat Boots $3.50 a pair. Special — Both Army Shoes and Combat Boots—Only $5.69. Send shoe size, name and address. Send 50c deposit. Pay postman on delivery; balance plus postage. Satisfaction Guaranteed. Order Now! Civilian Shoes repaired, soled and heeled $1.95 a pair. Also send for our free catalog of shoes, hats, suits, army clothes, etc.

EUNICE MAIL ORDER HOUSE

Station B, P. O. Box 101, Dept. ARSB-1, N.Y.C.

SIGHTS

RETAIL AND WHOLESALE

We believe that we have the largest and most complete stock of ALL MAKES of new and used sights & scopes in the U. S. Expert sight mounting and targeting. Fast and accurate service.

Dealers inquiries invited.

WRITE US REGARDING YOUR SIGHT PROBLEMS

THE ORIGINAL SIGHT-EXCHANGE

"Gun Sight Specialists"

P. O. Box J Paoli, Penna.

DEALERS

We are distributors for Colt and S&W Revolvers. Write for price list. USED revolvers and automatics on hand.

JOHN JOVINO CO.

5 Centre Market Place, N. Y. 13, N. Y.

GOVERNMENT MODEL .45 RECENT REblue, new barrel, Harpe accuracy job and sights, unfired since, $85.00. Jim Ramsey, Louisville, Georgia.

PERFECT ENFIELD SPORTER 30-06 REDfield #70, ramp front. Nicely restocked and blued, $90.00. Reed Wilson, 133 E. Euclid Avenue, Springfield, Ohio.

FOX XE GRADE, 12 GAUGE, 30" BARRELS, full and modified metal excellent in and out, wood very good, $185.00. W. R. Newman, Uncasville, Connecticut.

MANNLICHER-SCHOENAUER 9.5, 20" BARrel, brand new, $40.00. Luger 30, prewar commercial, tapered barrel, new condition $65.00. Zeiss 6x30 Silvarem, prewar commercial, C.F. new $75.00. Hensoldt 1¼X, Featherweight scope, brand new, $75.00. George Pace, 605-29th Street, South., Arlington, Virginia.

WINCHESTER MODEL 54 30-06. ALASKAN All-Weather scope coated lenses, Tilden mounts. Very good in, out needs bluing, $140.00. J. C. Weddle, Box 432, Fellows, Calif.

CAST BULLETS—CUSTOM LOADED AMmunition—list—need cases—inquiries promptly answered. Lyle Batchelder, Lancaster, New Hampshire.

219 SAVAGE SINGLESHOT HORNET, Weaver G-4, cases, primers, bullets, complete dies for B&M 28. Excellent in, good out, $50.00. Joseph Raths, Roundup, Montana.

ENFIELD 1917 EJECTORS, CALIBER 30-06, new, 35¢ each, $3.00 dozen, $20.00 hundred. Robert Woerner, Philadelphia 11, Penna.

REMINGTON MODEL 14-35 EXCELLENT inside very good out, ivory bead front Lyman tang peep, recoil pad $75.00. A. E. Shultis, 97 Greenvale Avenue, Yonkers, New York.

.25 CALIBER MARLIN RIM FIRE PUMP repeating rifle very good, 100 cartridges, new case, $49.00. 16 ga. Fox Savage double, perfect, new Red Head case, $58.00. .32 caliber Rim fire Marlin lever repeating rifle very good, 100 cartridges, new case, $58.00. .22 caliber Long Rifle Colts Woodsman 6½", perfect $70.00. Colt Frontier single action 4-¾ barrel, carved Eagle Genuine pearl grips, .32-20 caliber, very good. Sam Browne leather belt & holster 50 cartridges, $125.00. .38 Caliber Colt 6½" barrel, military automatic, 50 cartridges, new holster, good $58.00. Member, Air Mail or Wire Money. Frayseth's, Willmar, Minnesota.

SACRIFICING PRIVATE RIFLES: M70 Swift standard, perfect in, excellent out; G&H mount base only, sling, new Texan scope, 340 factory loads, $215.00. .257 Roberts, 1939 Mauser action, Sukalle sporter barrel, beautiful Owen stock, Anderson safety, Texan scope, K-P mount, scope blocks, q.d. sling, perfect in, very good out, $225.00. Winchester Schuetzen .32-40, SS trigger, Redfield rear, excellent in, very good out, $50.00. Charles Cater, La Grande, Oregon.

60¢ PER 100. EMPTY .38 SPECIAL CARtridge shells. Take small primers. Weil's Curiosity Shop, 20 So. 2nd St., Philadelphia 6, Penna.

MAP OF ALASKA AND WESTERN CANada. Large size, shows Alcan Highway. $1.50 postpaid. W. Joseph O'Connor, Baker, Oregon.

RIFLE CLUBS—DISCOUNTS GRANTED TO organized clubs on guns and accessories. Write today. Large stock. Sportsmen's Headquarters, Box 1078, Palm Springs, California.

MODEL 70, 30-06 STANDARD WEIGHT BARrel, R. G. Owen restocked with French walnut, Alaskan, G&H side mount, excellent throughout, $250.00. J. V. Barry, 414 Pamona, Coronado, Calif.

WINCHESTER 52 SPORTER, VERY GOOD inside and out. No rear sight. $125.00. Dallas L. Sharp, Saunderstown, Rhode Island.

.38 SPECIAL WADCUTTERS @ $2.00 PER 100, with your empty cases. Save yourself money on reloads. .38 Special .45 Colt and .45 auto. Lowest prices in the field. 10¢ for price list. George Buey, 5438 Christian St., Philadelphia, Penna.

SEDGLEY SPRINGFIELD 30-06 LEFT HAND bolt Mannlicher stock Zeiss Zielklein sight Redfield mount sling sole leather case, excellent $400.00. No trades. W. L. Huff, 511 Millikin Bldg. Decatur, Illinois. Life Member.

TRAPS—6 #3 JUMP, 18 #2, 52 #3 AND 2 #48, double spring, good $35.00. Benito, Box 289, Bishop, Calif.

GAS CHECKS

.22, .25, .270, 7mm, .30, .32, 8mm, .35

List of shooter's supplies

$1.50 Per M Postpaid

WARNER & SON 2510-12 Pleasant Valley, Altoona, Pa.

REMINGTON ENFIELD 30-06 SPORTER. Redfield 70 rear, ramp front, Bishop stock, swivels. 3 boxes ammo. $85.00. .22 Winchester 69 Match Target $34.00. Both perfect. William Macey, Empire, Ohio.

SHOTGUNS, RIFLES, HANDARMS, AMMUnition, Rods. Reels, list 10¢. A. R. Rudolph's, Atchison, Kansas. 12-48.

SELL—WALTHER P.P. .22 CALIBER TWO clips, holster, $90.00. Will trade. Want Savage 99T 300 caliber Colt History. Lefthand bolt action 30-06. Write J. R. Laurie, 63 Norwood, Greenfield, Mass.

M-1 BULLETS AVAILABLE NOW. ORDER your precision drill-jig now for making these into perfect hunting bullets. 2 models. For M-1 bullets and for loaded 30-06 cartridges, $2.50 money order delivers. M.O. Neis, 827 E. 95th St., Los Angeles 2, California.

PERFECT .300 MAGNUM ENFIELD TAPPED for Redfield Jr. and receiver sights, blued, straightened guard. $100.00. Walther Olympia .22 short pistol, bore excellent, rest good, three magazines, set balancing weights $100.00. Herbert Karsch, W.S.P.G. Las Cruces, New Mexico.

8MM. 7.92X57 MAUSER 98 CUSTOM BIG game ammunition. 170 grain SP. 20¢ each. No packing charge. No C.O.D.'s J. R. Loomis, 125 Melrose, Peoria, Illinois.

COLT OFFICIAL POLICE .38 SPECIAL BLUE 4" excellent $45.00. Colt .380 automatic v.g. $35.00. Fisher, Montville, Connecticut.

$1.00 EACH. USED GOVERNMENT CAMOUflage ponchos. Fine for hunting and fishing. Weil's Curiosity Shop, 20 So. 2nd St., Philadelphia 6, Penna.

MEN! LARGE SIZE SHOES, LARGE SIZE sox! We specialize in large sizes 10 to 16, widths AA-EEE. Oxfords, hitops, work shoes. Guaranteed extra quality. Free catalog. Kingsize, 472, Brockton, Mass.

50¢ NEW GOVERNMENT FOLDING RAIN cloak, slips over your entire body. Package folds to 3½"x7", great for fishing, camping or hunting. Parcel post free. Weil's Curiosity Shop, 20 So. 2nd St., Philadelphia, Penna 6.

BRAND NEW GUNS—WINCHESTER, MODel 70, National Match, 30-06, with sights, $165.00. Winchester 64, 219 Zipper, peep sights, $87.35. Winchester 94, 30-30 or .32 Special $56.50. Winchester 75, .22 caliber target with sights, $53.50. Winchester 61, pump .22 caliber $44.50. Winchester 62, pump, .22 caliber $37.50. Winchester 74, automatic, .22 caliber $29.90. Winchester 52, standard, no sights, $79.50. Heavy barrel, no sights, $89.15. Heavy barrel, with sights, $122.95. Winchester 63, .22 caliber automatic, $57.50. Winchester, model 12, pump shotgun, 12, 16 or 20 gauge, $78.50; with raised matted rib, $91.65. Winchester 42, pump shotgun, 410 gauge $67.50. Winchester, model 97, 12 gauge pump, $61.50. Winchester 24, 12 gauge double $58.00. Remington, model 11, or sportsman automatic shotgun, 12, 16 or 20 gauge, $94.00. Remington, 31A, pump, 12, 16 or 20 gauge, $78.50. Remington, 141A, pump rifle, 30, 32 or 35 caliber, $95.60. Remington, 241A, automatic .22 short or long rifle, $57.50. Remington, 121A, pump .22 caliber $44.50. Remington, 513TR, .22 caliber $53.50. Remington, 37AR, .22 caliber, $113.60. Remington, 521T, .22 caliber, Junior target model, $34.95. Savage, 219, 30-30 or .22 Hornet, $26.20. Ithaca pump, 12, 16 or 20 gauge, Featherlight, $78.50. Marlin, 39A, lever action, .22 caliber $50.45. Marlin, 80DL, .22 caliber clip repeater, $20.05. Marlin, 81DL, 25 shot, Tubular repeater, .22 caliber $25.55. Springfield, 87, .22 caliber automatic $26.60. Mossberg, 151M, automatic .22 caliber, new improved model, $30.90. Mossberg, 46M, bolt, .22 caliber tubular repeater, $27.95. Smith & Wesson Military & Police, .38 Special, 4" or 5" barrel, $56.50. Colt Super .38 or .45 automatic $65.00. Hi-Standard H.D. Military, .22 caliber target pistol, 4½" or 6-¾" barrel, $51.17. All above are brand new, factory boxed. Ammunition available upon request. Terms: Any of the above upon receipt of $10.00, certified check or money order, balance C.O.D. Subject to inspection. Miller's Sport Shop, Dept R, 142 No. 8th St., Philadelphia 7, Penna.

I HAVE FOR SALE SOME FINE GERMAN guns. Several Mausers (All Commercial—no military) 3-barrel combinations. One P.38. H. Dale Weeks, Belle Fourche, So. Dak.

NEW BELGIAN MADE BROWNING AUTOmatic shotguns standard grade $103.90. Special with ribbed barrel $116.40. Other grades soon, write me your wants. New L.C. Smith 16 doubles single sighting plane rib special price $85.00 prepaid. J. L. Vincent, Sporting Goods, Aud, Missouri.

WANTED—FINE FOREIGN GUNS
ANTIQUE OR MODERN
Describe and Price Your "Liberated Beauties."
MILLER BEDFORD New London, Ohio
"World's Rarest Guns"

MEMBER
NATIONAL BLU-BLAK ASSOCIATION
Lyman Gun Sight Corporation

AMERICA'S SUPREME GUN BLUING PROCESS

BLU-BLAK SERVICE

THE SIGN OF BETTER TIMES FOR GUNSHOPS AND GUN OWNERS

There is no gun shop so well positioned that it cannot benefit by offering this better gun bluing service. As hundreds of gun shop owners have told me "A BLU-BLAK shop has no competition." Put *your* shop in this enviable spot protected by a BLU-BLAK franchise.

Your order sent today will protect you if your community is still open franchise territory. Make your selection of needed supplies from the following price list.

1 unit BLU-BLAK, makes to 5 gals. $15.00
2 units BLU-BLAK, makes to 10 gals. 28.00

PREKLEEN, non caustic, makes to 20 gals.—$ 1.00

PeeDeeQ, rust, old blue remover, re-bluing accelerator, 1 pt. (makes 2 pts.) ——— 1.00

THERMOMETER, dial, unbreakable, the best 2.50
also low-cost type ——— 1.50

RI-FO, finishing oil, highly rust inhibiting, a "must" for fine appearance, 5 gals.—— 15.00
1 gal. $3.50 — 1 qt. $1.00.

RUBBER GLOVES, 14 inch, fine grade, real "buy" ——— 1.50

APRON, black plastic—saves clothes——— 3.50

FACE SHIELD, plastic. Your eyes are worth 2.25

BUFFING COMPOUNDS in aluminum tubes. Users say "best we ever used." Comes in 150/ coarse, 240/ medium, 450/ fine and 550/ super-fine, price per tube ——— 1.00
In dozen lots, price per tube ——— .90

FELT WHEELS—White—Best Grade
Dia. Face Arbor
6" x 1" x ½" Soft $3.00; Med. $4.00; Hard $4.00
8" x 1" x ½" Soft $4.50; Med. $6.00; Hard $6.75

MUSLIN BUFFS—Soft, for high lustre—High Count
Dia. Face Arbor
6" x 1" x ½" concentric stitched—Each $1.60
6" x 1" x ½" loose ——— Each 1.40
8" x 1" x ½" concentric stitched—Each 2.75
8" x 1" x ½" loose ——— Each 2.40
10" x 1" x ½" concentric stitched—Each 4.00
10" x 1" x ½" loose ——— Each 3.60

SUPERBA Stock Finish "Perfect," "Wonderful" "Superb" say Users. Comes in Walnut, Cherry and Clear. Fastest on record. 4 oz. $1.00; 3 Pints for $6.00; Gallon $14.00.

MICRONOIL GUN-LUBE N.R.A. record of 91 days in brine solution. Matchless lubricant.
1 doz. 2 oz. dropper bottles——— $3.60
1 doz. 4 oz. bottles——— 7.20
Special, bench unit, 1 pt.——— 2.00

TANKS, Professional Unit of 6. Unequalled. 8" x 8" x 40", complete with burners to suit. Detachable legs. This and individual units in sizes to meet your needs quoted on request.

The NEW Third Edition of the BLU-BLAK INSTRUCTION AND MATERIALS BULLETIN is now ready. It's FREE TO GUN SHOPS—25¢ to all others. Send for *your* copy. *H. TOM COLLORD, Pres.*

PROTECTIVE COATINGS, INC.
Box 3985-AR Detroit 27, Mich.

SCOPE ATTACHMENTS

Finest 1¼" hard coated lenses. Make any scope a target scope. Will not change the point of impact as lens slides instead of revolving. Power of any scope can be doubled. Install it yourself on most hunting scopes made in U.S. Price $24.75. Write for information on other scopes. *We are still making our standard attachments at $16.00.*

EDWARDS SIGHT & OPTICAL CO.
UNION CITY, IND.
See your dealer or order direct

REBARRELING

257, 270, 300 Sav., 30-06
GUNMAKER'S Brand Shooter's Supplies
Improved Bluing Salts—Bluing Tanks
All work guaranteed

KESS ARMS CO.

1004 W. Center St. Milwaukee 6, Wis.
Send address for catalog

GUNS DEFY RUST

Fortified With Polar Alkaline Detergent

A gun treated with RIG Universal in 1936 and lost for 10 years was found recently without a spot of rust. Tournament riflemen protect firearms with RIG at the end of each day's shooting and know their guns are safe indefinitely. Gun dealers have RIG in 25c tubes, ¼ lb. cans 50c, 1 lb. cans $1.50 or write Rig Products Co., Oregon 2, Illinois, for FREE "Gun Care Guide."

ARMY FIELD *Telephones*

Canvas Case Illustrated

NOW as low as $7.50

used, but in good serviceable condition. (originally cost govt. $39.90 each) We have just obtained an additional large quantity of NEW and USED Army Field Telephones at low cost, and this BIG SAVING is passed on to you in these NEW LOW PRICES! ORDER NOW! BATTLEFIELD PROVEN for quick, 2-way communication.

FREE-with every telephone order, Flashlight batteries & 50 ft. wire

PERFORMANCE EQUALS PRESENT-DAY COMMERCIAL TELEPHONES . . . UP TO 17 MILES!

Scores of Applications:
firing line to target ranches camps
hunting lodges workshops firing range, etc.

Anyone can install this handy, dependable telephone! Just hook up terminals to any two-strand wire; several phones on same line if desired. Operates on standard flashlight batteries with no external power required. Compact . . . rugged . . . portable. EVERY PHONE GUARANTEED.

Two phones comprise a set. Order as many as you need—in pairs or singly. Each phone delivered complete with hand generator and self-contained ringer.

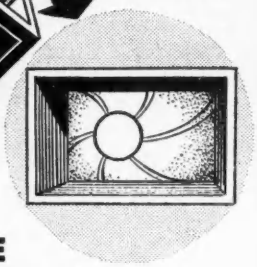
USED—good, serviceable condition. Per pair: Now $14.95 (formerly $19.50) single phone now $7.50
NEW—with heavy canvas case. Per pair: now $25.50 (formerly $29.50) single phone now——$12.75
NEW—with leather case. Per pair: now——$28.50 (formerly $32.50) single phone now——$14.25
NEW—canvas or leather case, with case slightly soiled, etc. Performance equals new telephones. Per pair: now ——$21.50 (formerly $24.50) single phone now——$10.75
RECONDITIONED for Government reissue—good as new: per pair——$21.50
EXTRA WIRE: Genuine 2-strand W-110 Army Field Wire. New. 500 ft. $3.50; ½-mile reel, $10.50; 1-mile reel, $16.00. (½-mile and one-mile reels sold only with purchase of telephones)

WRITE FOR FREE FOLDER ON FIELD TELEPHONES
All Shipments FOB Sacramento. No COD.
In California, add 2½% for sales tax

SEND CHECK OR MONEY ORDER **LORIS SALES**
P.O. Box 1896, Dept. C Sacramento, Calif.

NEW UNIVERSAL PRISMATIC BORESKOPE

You SEE CLEARLY the smallest particle of dirt, scar or blemish in the bore.



ACCURATE BORESIGHTING IN A JIFFY

Just insert the prism end of this precision built, pocket-size, boreskope into the breach of any firearm and you can immediately check the condition of the bore. Every part of it will be clearly and accurately revealed to you.
Carry it in your vest pocket for instant use. Use it at home, on the range or in the field. The prism lens slides in and out of the protective plastic case.

If your dealer cannot supply you, order direct.

FOR USE WITH ALL FIREARMS

- REVOLVERS • AUTOMATICS
- ALL TYPES OF RIFLES
- ALL TYPES OF SHOT GUNS

No Sportsman or Gunsmith can afford to be without one. **$1.85**

AT ALL LEADING SPORTING GOODS AND HARDWARE STORES

Manufactured and Patented by

WOLFF & MUNDY *Gunsmiths*

5 S. 69th STREET — UPPER DARBY, PA.

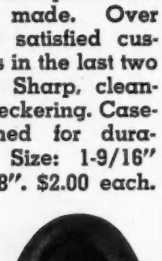
NIEDNER BUTT PLATE

of

CHECKERED STEEL

The finest sporter Butt Plate made. Over 10,000 satisfied customers in the last two years. Sharp, clean-cut checkering. Case-hardened for durability. Size: 1-9/16" x 5-1/8". $2.00 each.

GRIP CAP



Machined from a tough black material similar to horn. Will not chip or crack. Size: 1⅜" x 1⅞", 75¢ each.

Gunsmiths write for quantity discounts.

We also stock a complete line of sights, scopes, reloading tools and other shooting equipment.

Write for your free copy of Niedner's Buyers Guide

NIEDNER RIFLE CORPORATION

DOWAGIAC MICHIGAN

REBARRELING & MILITARY CONVERSIONS

MAUSER—Enfield & Springfield—$45.00. Including complete Rebluing. Mag. alteration and drill for 70 Redfield sight.
CALIBERS 22/250, 219 Imp, 220 Swift, 220 Rocket, 219 Wasp, 250/3000, 257 Robt, 257 imp, 270 Win, 300 Sav. 30/06, 8 x 63.
Bolt altered for scope, including Buehler Safety, $12.00, "Dahl" Ramps, any blade, $8.00 inst.
Sporter Stock for Mauser or Enfield, $35.00.
All barrels turned to your dimensions from Buhmiller Chrom Moly Blanks.
Complete line of Scopes, Mounts and Redfield, 70 and 102 sights. Send for list on conversions.

GUNSMITH SERVICE—IN ALL STAGES

Armsco—George Pearsall—Gunsmith

514 N. State St., Chicago 10, Illinois

• BEDFORD BUGLE •

SHOWS WORLD'S RAREST GUNS

No. 9—Finest pistols, swords, all nations.
No. 10—All kinds. Shooting Muzzle Guns, Experimental, Foreign, Royal, Superb Inlays, Martials, World's Finest and Rarest.
Free; send self-addressed stamped LONG envelope with number marked.
WANT: Finest American and Foreign, Modern or Muzzle Loading, Foreign Doubles, Mausers, RAREST COLTS. Describe and Price.

MILLER BEDFORD

Rare Gun Crossroads of America

NEW LONDON OHIO

•TOMMY DOTS•

FOR ANY TYPE OF SCOPE

(Foreign Scopes a Specialty)

New scopes and mounts, from stock, at standard prices; with any type reticule desired—or installed in your own scope. Write for free folder and price lists.

Wholesale — Retail

ROBERT S. THOMAS P. O. Box 81 Silver Spring, Md.

33.4 H. P. EVINRUDE SPEEDI FOUR LATE 1947 model—11 hours running time 2 propellers, guaranteed perfect, $400.00 M. Kilton, 1602 Alabama Avenue, Sheboygan, Wisconsin.

REMINGTON METAL JACKET BULLETS. .25-20 60 gr. hollow point, $2.00 per 100; 30-30 170 gr. Corelokt soft point or hollow point, $3.90 per 100; 32-20 80 gr. hollow point or 100 gr. soft point, $2.30 per 100. Transportation collect; postage 20¢ per 100 bullets. Remington primers all sizes, $6.00 per 1000. W. Joseph O'Connor, Baker, Oregon.

---

98 MAUSER AND P.38 PARTS—NEW AND used—Send stamped envelope for price list. East Bay Gun Shop, Rt. #2, Roscommon, Michigan.

GUN COLLECTOR'S HANDBOOK OF VALues, Chapel, postpaid $6.00; Winchester 1873 .38-40 rifle, peep rear, good, $25.00; .41 Swiss Vetterli, fair to good, 120 Kleanbore, $25.00; Mauser 8mm, rifle, mfd. 1945, rough out, excellent inside, 30 rounds, $30.00; Colt .45 auto, prewar commercial, arched housing, excellent, $50.00; Colt .45 auto, M1911A1, Rem-Rand, good out, very good inside, $34.00; Luger 9mm. 1917 DWM, 7¾" barrel, good, $34.00; Steyr 9mm. 1916, very good, $30.00; Radom 9mm. very good, $27.50; Walther P.38, excellent, $28.00; Stevens .22 pistol, 6" heavy barrel, good, $14.00. No C.O.D.'s. R. Huddleston, Linwood, Mass.

WINCHESTER, MODEL 12-12 GAUGE, VENtilated rib, Poly Choke equipped, extension Beavertail forend, pistol grip, checkered, built-up Monte Carlo stock, recoil pad, excellent in, out, ideal field or skeet, first money order, $180.00. J. Gaston, 1858 E. Schiller St., Phila. 34, Penna.

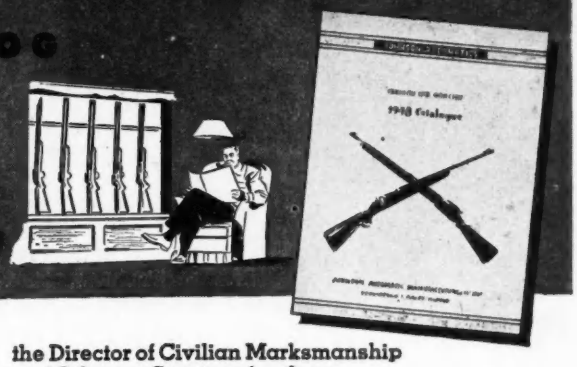
SPECIAL, LEATHER GUN CASES SHEEP, wool lined for shotguns $7.50 target rifles $8.25 prepaid wholesale prices on scopes to Dealers, Gunsmiths and Gun Clubs. J. L. Vincent, Sporting Goods, Aud, Missouri.

SUPER-TARGETSPOT, 15X, INSIDE PERfect, outside very good $75.00. Woodsman sport model, holster, Berlin case, excellent $65.00. Scope recoil spring, Lyman 52F, Merit Master target disc, Pacific 2R dies, shell holder, excellent. E. Holley, 3327 Coronado, Stockton, California.

WINCHESTER MODEL 70-220 SWIFT. 8 power Lyman scope. 6 boxes shells, condition perfect, $300.00. Fred Gillespie, 3728 Broadway, Houston, Texas.

OUR NEW '48 CATALOG IS READY FOR YOU

More Facts, More Pictures, More Services . . . and it's FREE!



The new 24 Page 1948 Johnson Custom Gun Department catalog includes eight *new* pages of new services and accurate, up-to-date firearms information! Here are a few of the new features:

- **Illustration and description of all Johnson experimental and military weapons as used in World War II.**
- **Complete ballistic data on modern cartridges with notes on cartridges that have recently been discontinued.**
- **Complete drawings and specifications of all four sizes of Johnson barrels, (for sale as blanks or attached to standard actions).**
- **Information on the present rifles available from the Director of Civilian Marksmanship and Johnson Services for them.**
- **Complete details of the new Johnson Magnum Muzzle Brake.**
- **Rebarreling data on foreign and American single shot rifles.**
- **Information on loading tools available for use with special cartridges.**
- **Inspection service on Japanese rifles.**

Other Johnson services and accessories included are: *Custom converting* of military rifles to sporters (from $26); *Reblueing and overhaul* service, Johnson Muzzle Brakes.

Our new 1948 catalog will make an invaluable addition to your gun reference library . . . it's packed with interesting gun information. Write for it today . . . remember, it's free!

GUNSMITHS — DEALERS

Write for complete information on our special dealer discounts and details of our rebarreling service. See our barrel ad in classified section.

JOHNSON AUTOMATICS

CUSTOM GUN DEPARTMENT *Dept. R-1, Providence 1, Rhode Island*

Makers of THE JOHNSON INDOOR TARGET GUN

COLT WOODSMAN 6½", TARGET PA-tridge sight, perfect, $60.00. Krag carbine issue, fair, sling, box cartridges, $35.00. P.38 9mm. byf 43, number match, excellent, box cartridges, $45.00. Spencer carbine, very good, $27.50. Sharps carbine, 50-70, good out, fair in, $15.00. US model 1808 Flintlock Musket by Waters, Millbury, 1815. As new $50.00. A.W. Pond, Caliber .32 RF revolver, good, $15.00. Mitchell's Gun Shop, 25 W. Wheelock St., Hanover, N. H.

DOUBLE BARREL ELEPHANT RIFLE #13615 Watson Bros. London .475 with 10 Kynoch. 475 #2 3½" case Jeffery Nitro express cartridges tropical load 500 grains solid, perfect $400.00. E. J. Churchill London trap gun single barrel ventilated rib 32" automatic ejector 12 gauge The Premiere Quality #3678, perfect $500.00 Ithaca single barrel trap gun 32" automatic ejector ventilated rib #4 ejector grade 12 gauge #34412T, good $100.00. Charles E. Galloway, 636 Church Street, Evanston, Illinois.

G.H. PARKER TRAP $115.00. 12-32" EXcellent condition, straight stock regular dimensions. S. Everett, Stockton, N. J.

WINCHESTER M70 .22 HORNET, NEW $106.00. Winchester **M52 heavy weight** barrel without sights, new $89.15: Savage M23D. K2.4 scope with crosshair, Jr. mounts very good, $125.00: Winchester M12 12 ga. Standard shotguns, new $78.50: L.C. Smith Field grade 16 & 20 doubles, new $96.10: Colts .38 Super auto's, new $65.00. Helmericks Sport Shop, 237 Main St., Montrose, Colorado.

12 GA. BROWNING AUTOMATIC, MATTED rib equipped with Cutts compensator and 4 tubes. Inside of barrel perfect, outside good, stock and fore arm new $100.00. Send money with order. F. J. Schini, Box 929, Coeur d'Alene, Idaho.

SKI—7' LAMINATED HICKORY WITH steel edges, cable bindings, laminated bamboo ski poles- all brand new Gov't complete set $19.75. New Gov't ski boots $7.95. Jim Craton's, Davenport, Iowa.

TWO NEW 30-06 CUSTOM SPORTERS—ONE Springfield action 865,000; other Mauser 98, '41 milled. Both have fine cheekpiece stocks, tenile forend and grip cap, checkered P.G. and forend, oil finished. Sights—Bead ramp and Redfield peep. Each with 25 rounds non-corrosive at $95.00. B. Munson, 59A Stadium Terrace, Champaign, Illinois.

POINTER STOCKS Molded plastic in walnut or ebony for Colt Woodsman and Hi-Standard, all models $5.50. Colt and S&W Revolver models, large stocks $5.50, small $5.00, Colt .45 Auto. $6.50. All above 50¢ extra for Ivory color. We are originators of plastic thumb rest stocks, **Now Pointer Pups!** Plastic imitation stag, **without** thumb rest for Colt Off. Pol.: S&W M&P Magnum $4.00 pr. At your dealers or direct.

Pat. App. for

We also have **without** thumb rest **genuine** Pearl, Ivory and Stag stocks in most models.

Free Illustrated Circular

We Do Not Sell Guns

SOUTHWEST CUTLERY & MFG. CO., INC.
1307 Olympic Blvd., Montebello, California

SHOOTERS' SUPPLIES

Winchester 52's	$79.50-$89.15
Winchester 75's	$45.05-$53.50
Winchester 69's	$20.60-$35.80
Remington 521-513T's	$35.45-$53.50
10-X Coats, all sizes	$13.00
Redfield receiver sights	$5.75-$8.50
Redfield mounts	$10.75-$12.75-$14.75
8 MM Speer 170 Gr.	$4.20

Loading tools, Scopes — all makes and sizes. Complete stock of Target, Shooting & Reloading equipment.

PROMPT SERVICE

DON'S SPORTING GOODS
701¼ S. Arlington St. Akron 6, Ohio

Western Manufacturers & Distributors

OFFICIAL NRA TARGETS

Complete Line of Official N.R.A. Targets in stock. Use only official targets for practice and matchshooting. Write for target list.

WISLER WESTERN ARMS, Inc.
63 2nd St. San Francisco 5

LEUPOLD RIFLESCOPE

The Finest Sight a Hunter Can Buy

Feather-light, (6½ oz.) Streamlined... exclusive, micrometer type windage and elevation adjustments.

See your Dealer or write for descriptive folder.

LEUPOLD & STEVENS INSTRUMENTS
4445 N. E. GLISAN
PORTLAND, OREGON

PERSONALITY

for your FINE RIFLES

The Anderson Push Button Safety

completely locks entire action; sear, trigger and bolt. Conveniently located behind bolt handle, it is protected from accidental release. **Red dot shows in "off" position.**

Temptation to carry rifle with safety off, when expecting a quick shot, is eliminated, as thumb rests naturally on safety button. No time is lost, thereby making the conventional bolt action the fastest of all actions in getting off first shot. **It is quiet.**

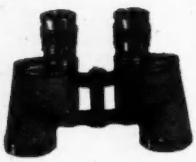
Now installed on Springfield Models 70 & 54, Krag, Enfield & Mausers. $17.50; except right hand installation on Mauser 98 $14.75. On special order we will install this safety in the grip behind tang. $22.50. Send complete rifle for this job.

Gunsmiths send us your actions for safety installation and special dealers rates. Prompt Service.

ANDERSON GUN SHOP 1203 Broadway Yakima, Wash.

BAUSCH and LOMB

6x30 WAR II BINOCULARS



Limited QUANTITY! WORLD WAR II Lightweight 6x30 Binoculars made by Bausch and Lomb. Crackle finish. New-like condition, many only shop worn. Individual focusing. Made to rigid Navy specifications. Come complete with case and straps at not $130.00, or $100.00, BUT ONLY $79.50 plus 20% Federal Excise tax. While they last!

Other Binoculars (3 to 24 Power!)

24x54 German Busch, 44 oz. Used	$225.00
18x50 Carl Zeiss. Used	260.00
18x50 Hensoldt. Used	215.00
16x50 Carl Zeiss. Used	225.00
16x43 Universal, Navy. Used	135.00
16x40 French Weerasport. Used	135.00
12x30 Schatz Munchen German 17 oz. Used	150.00
12x35 Carl Zeiss. Like new	200.00
10x50 German Dienstglass. Used	130.00
12x38 French Normandy. New	215.00
10x50 Bausch & Lomb. Used	165.00
10x45 U. S. Navy. Used	100.00
10x32 French. Normandy. New	79.00
9x50 Sportscope Monocular (No Tax)	77.00
8x56 German Hensoldt. New	155.00
8x30 Wollensack. Coated. New	85.00
8x30 Carl Zeiss. Used	90.00
8x25 French. Normandy. New	39.50
7x50 Navy. New. Coated optics	110.00
7x50 Navy. Used. Coated optics	100.00
7x50 Navy. (National or Spencer) Used	85.00
7x50 Bausch & Lomb. Used...$120.00 (Coated	$135.00)
7x50 Barr-Stroud, Br. Admiralty. Coated. Used	79.50
7x50 Carl Zeiss. Used	150.00
7x50 Carl Zeiss. Coated. Used	160.00
7x49 Japanese Navy. Used	69.00
7x50 German Dienstglass. Used	120.00
6x30 Carl Zeiss. Used	75.00
6x30 Wollensack. Coated. New	75.00
6x30 Universal. Coated. New	85.00
6x30 Unversal. New	75.00
6x26 Ross of London. Used	45.00
6x30 German Dienstglass. Used	59.00
6x25 Carl Zeiss. New 14 oz.	100.00
6x15 Carl Zeiss. Used. 7 oz.	65.00
6x30 Navy. Mark XI. Used. Eye cups! Coated	69.00
Not coated	63.00
6x30 Universal. Navy. Used	52.50
5x40 Nat'l Field Glass. Coated optics. New	29.75
4x40 Airguide Field Glass. New	20.00
5x40 Aidguide Field Glass. New	22.00
4x40 Wollensack Field Glass. New	16.25
4x50 Conestoga Field Glass. New	12.50
3x30 Trojan Field Glass. New	4.25
4x40 Trojan Field Glass. New	8.00
10x, 20x, 30x, 40x, Var. Telescope, New. No Tax	42.50
25x French Telescope. New. No Tax	39.50

Add 20 Per Cent For Federal Excise Tax. Binocular carrying case and straps included. Supply limited. Give second choice.

5 to 15 Power Variable Telescope

Simply twist dial to change power! Sturdily made of durable Aluminum! **Weighs only 6 ounces.** Closes to only 9¼ inches. Opens to 11 inches! Six Achromatic Lens. Compact! BRAND NEW. **$34.50** not taxable. American made.

MONEY BACK GUARANTEE

Use for 20 days at our risk and expense. If not fully satisfied, return for full refund of your money. ORDER TODAY! Send $2.00 deposit and we will ship C.O.D. for balance. Cash orders sent postpaid.

LOWEST PRICES ARE POSSIBLE
NO STORE DISPLAY—MAIL ORDERS ONLY

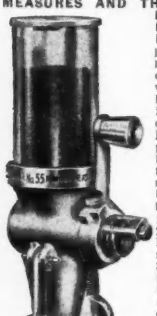
UNITED PRODUCTS CO.

7941 S. Halsted, Dept. ARF-909, Chicago 20, Ill.
(Refgerence Dun & Bradstreet)

RELOADERS

IDEAL POWDER MEASURES

WE HAVE THE NEW IDEAL NO. 55 POWDER MEASURES AND THE NO. 45 SIZER AND LUBRICATORS IN STOCK FOR IMMEDIATE DELIVERY. The improved No. 55 powder measure features a new transparent powder chamber. Close fitting, long wearing parts. Drop tube held in place with a retaining spring and will not fall out during operation. $10.00 FOB here or $10.35 postpaid. No. 45 sizer and lubricator uses same dies as the old Ideal No. 1. Many new improvements. Specify bullet wanted for. If wanted for bullets other than from ideal moulds please mail us 2 or 3 bullets. $12.50 FOB here. $13.00 postpaid. Extra set plungers and sizing die, $3.00.



LYMAN TRU-LINE JUNIOR LOADING TOOLS in stock. Complete for one caliber $22.00.

PACIFIC standard tool, $28.75. SUPER FRAME model, $35.75. Extra parts and dies in stock for all popular calibers, for the Tru-Line Jr. and Pacific tools.

POWDER. In stock, DuPont Nos. 4320, 4064, 4350, 3031, 4198, 4227, Hercules Hivel No. 2, 2400, Lightning and Sharpshooter, $1.80-lb. DuPont 4759, No. 6, No. 5066, Hercules Bullseye, Unique, DuPont bulk, MX and Red Dot shotgun smokeless, $1.10 per ½-lb.

PRIMERS. Win. Rem and Western. All rifle & pistol sizes, $6.25 per 1,000. Smaller lots are 65¢ per 100, plus a packing charge of 25¢ per shipment.

LEAD SHOT. Chilled, sizes 1, 2, 4, 5, 6, 7, 7½, 8, 9, 10, 11 and 12. DROP SHOT in BB size only. $1.60 per 5lb bag. $7.50 per 25lb bag. FOB HERE.

OTHER ITEMS we have in stock include SISK 22 bullets, bullet moulds, gas checks, Ipco graphite wads, Wilson tools, ammunition, scopes, mounts, etc. Write for list, stamp appreciated.

LINDAHL GUN COMPANY
CENTRAL CITY NEBRASKA

FREE KLEIN'S famous "TRICK" FISHERMAN'S RULER

SPORTING GOODS

Write for your free ruler today! Measures the "Fish that Got Away!"

FLASH! Klein's Sporting Goods big new Spring and Summer 1948 "Fishing and Hunting Handbook" is hot off the press! Shows thousands of new and used guns, hunting, camping and fishing tackle values. The Handbook is only 25c (coin or stamps—refundable with your first order).

Rush Coupon for Trick Ruler (FREE) and Catalog (25c)

Klein's Sporting Goods, Dept. ME-2
227 W. Washington, Chicago 6, Ill.

☐ 25c enclosed (Refundable with first order) for big New Handbook of Sporting Equipment.

☐ Rush Free "Trick Fisherman's Ruler."

Write name and address on separate sheet and attach.

GERMAN DOUBLE BARREL COMB. GUN 16 ga. x8x57 rifle, deep engraving, excellent $100.00. .30-40 Krag deluxe custom stock, recoil pad, K2.5 new, $160.00. Harpers Ferry, percussion perfect, $50.00. .50 caliber Sharps side hammer carbine polished, excellent $35.00. .50 caliber Burnside carbine excellent $30.00. 4X Hensoldt coated excellent, $50.00. Springfield action excellent, $25.00. Sauer 3 barrel 16 ga. & 8x57 very good except stock average $90.00. 34 boxes 16 ga. 2-9/16" Super X $1.50 per box. 8x24 Mirakel Daylux prism binoculars, $30.00. 7.62 Russian semi-auto, good, $40.00. 7.62 new original metal point cartridges, 10¢ each. .22-250 Varminter by Gipson on nicely altered Mauser action 26" heavy barrel Bishop stock, new, $150.00. Browning Sweet 16 rib, Poly Choke, excellent, $125.00. 45-70 Spring. carbine excellent $16.00. Syst AYDT S.S. .32-40, excellent $75.00. 6.5mm. Steyr Mannlicher—model 70 type bolt in white no stock or sights, very good $50.00. Eddystone Enfield 30-06 as issued new beautiful stock, $35.00. Also other custom guns. Gordon Monsen, 22 E. Illinois St., Chicago 11, Illinois.

4½" WOODSMAN, EXCELLENT, HOLSTER, $45.00; Hi-Standard HDM 4½", perfect, $43.50; Colt SA .22 LR Conversion, excellent $20.00; 52 HB Vavers, excellent in. Thomas trigger, $85.00; Mauser 98 $20.00; Alaskan with Stith QED 70 mount, excellent $60.00; Unertl 1½" 12X, excellent $72.50; B&L NRA 19.5X, w/stand, excellent $45.00; Weaver 344 optically good, $5.00; K4 excellent, $39.00; K2.5 excellent $32.00; 700 Remington Shur-Shot 12 ga. fresh, $30.00; 100 16 ga. $4.50; 5000 Winchester #108 primers, $20.00; 2000 #116, $9.00; 2000 Western #8½, $9.00. Vic Breneman, Hershey, Pennsylvania.

SIX WINCHESTER AUTOMATIC .22 SHORT, very good, $27.50. Six Remington 242 automatic .22 short, good $35.00. 23 AA Savage, two clips, Expert scope, very good $70.00. .22 Special model 90, very good, $33.50. .22 Ranger target, tarvet sights, $40.00. 99 Savage 30-30, new barrel, new stock, excellent $70.00. .32 Special model 64, new barrel, $70.00. 35 Remington model 14, 330 scope, very good $110.00. 25 Remington, model 8, good, $90.00. 12 gauge Sportsman new, $94.00. 12 gauge Sportsman cylinder bore, good, $70.00. 2 Remington 241 automatic L.R. new, $57.50. 30-06 Mauser, new barrel, Stith stock, Redfield receiver, $118.00. Winchester 75 Target sights, very good $52.00. Krag sporter, good $60.00. 30-30, 94 new barrel, beautiful blue, $50.00. 30-30, 94 rebuilt beautiful blue, good $40.00. Winchester 97, refinished, good $55.00. 12 gauge double Stevens, very good, $40.00. The Gun Shop, 110½ Broadway No., Seattle 2, Washington.

COLLECTORS ATTENTION: EUROPEAN Antique Shotguns for sale. Good. Priced $200.00 each. Write: Charles Woodcock, 2802 Jackson Avenue, Ogden, Utah.

$29.00 GOVERNMENT USED BINOCULARS 6 power with case including tax. Send for list of others. Weil's Curiosity Shop, 20 South 2nd St., Philadelphia 6, Penna.

CALIBER .270 RIFLE, MAUSER ACTION, 24" barrel M.70 peep sight, ramp front sight $130.00, also caliber .257 rifle, Mauser action, 22" barrel M.70 rear sight, ramp front sight, low bolt, and safety, $140.00. Both rifles, French Walnut stocks, Wurzer & Peterson, 5239 No. 5th Street, Phila., Penna.

AUTOMATIC PISTOLS: COLT .22, 6½" V.G. $39.00. Browning .380 v.g. $30.00. H&R single action Sportsman, excellent, $35.00. Dexter, 65 Weybosset, Fall River, Mass.

BEAUTIFUL .257 MAUSER BY ACKLEY, K2.5, Echo, perfect $125.00. Greene's, Box 302, Lee's Summit, Mo.

GERMAN FLARE PISTOL. 10 FLARES, $20.00. 30 caliber carbine cartridges $5.00 hundred, other items. Carl Lindahl, 205 Quincy, Riverside, Illinois.

CUSTOM MAUSER 8MM. REDFIELD SIGHT. Bishop stock, excellent, $75.00. Kar 43 8mm. semi-auto. Rifle. Very good, $50.00. Philip J. Petz. 722 Fairview Road, Grace Park, Chester, Penna.

.300 MAG. MAUSER, HINGED FLOOR plate. 26" sporter, mershom pad, Redfield bolt, slick trigger, #70 rear, ramp front, excellent, $110.00. H. Wood, R.D. #1, So. Charleston, Ohio.

GUNS FOR SHOOTERS AND COLLECTORS. Your inquires invited. Stamp appreciated. Licensed dealer. R. C. Walz, 10 Union, Middletown, N. Y.

BRAND NEW .22-39A MARLIN LEVER ACtion rifles; $48.50. .38 Super Colt's; $63.50. Immediate deliveries also C.O.D.'s. Sportsmen's Headquarters, Box 1078, Palm Springs, California.

McMURTRIE GUNSHOP

CUSTOM GUNSMITHS: military rifles converted to standard or deluxe sporting rifles. Specializing in fine stocks, $35.00 and up. Re-barreling for most calibers.
722 South Central Avenue Glendale 4, Calif.

$1.50 NEW GOVERNMENT CANVAS FISHing or gunning case 8"x10"x7". Leather bottom and corners. Adjustable shoulder straps. Can be shipped parcel post. We have plenty. Weil's Curiosity Shop, 20 So. 2nd St., Philadelphia 6, Penna.

NEW PRIMED 10 GA. 2-9/16" CASES 1¢ each in lots of 2000 or more. Bogert's Gun Store, Sandusky, Ohio. 4-48.

SEDGLEY SPRINGFIELD .22 HORNET, LYman 48 rear, band front gold bead, scope blocks, steel butt with trap, sporter sling. This is a custom built prewar job. Want nice Colt Frontiers & S&W Magnums. Hicks (The Gunman) Wakefield, Mass.

MODEL 70 300 MAGNUM, NEW, IN FACtory grease, sling, recoil pad, $149.50. Rahe Russell, 526 Brookside, Kansas City, Missouri.

30-06 MAUSER BIRDSEYE SPORTER J2.5 v.g. $85.00. Gartman .270 Mauser, Redfield 70 ramp - checkered Bishop, excellent $100.00. M. O. William Padgett, 39 Barber Avenue, Apponaug, Rhode Island.

2 USED 330 WEAVER SCOPES, VERY GOOD, 3 minute Lee Dots in each, $20.00 each. 2 used Stith mounts for 330 Weaver model 70 Winchester, very good, $4.00 each. 1 new Stith mount for 330 Weaver model 70, $6.00. Universal dies for 257 Roberts, excellent, $12.00. Member. C. H. Mavis, 137 W. Front, Missoula, Montana.

.22 L.R. 42¢ PER BOX. AM LOADING ALL weights of expanding, jacketed bullets in your cases in the following calibers at 8¢ each. 30-30, 30-40, 30-06, 250-3000 .257. Also loading 150 grain full patch bullets in 30-40, 30-06 at 5¢. Douglas Robinson, Cantril, Iowa.

M.T. WOODSMAN EXCELLENT REG. & pointer stocks, Holster, 2 clips, $75.00 M. O. Ralph Mitchell, Lower Campus, Unit B5 Athens, Ohio.

REMINGTON 37 SIGHTS, EXCELLENT stock little altered, $75.00. Zeiss Silvarmar good 6x30 case, $40.00. P.38 2 magazines holster very good, $27.50. German Army rifles, one 1937, good, $27.50. 1943 very good, $27.50. 1944 good, $25.00. 1942 30-06 barrel in white Redfield 75, $40.00. Mossberg spotter, very good, $15.00. P. Consos, 1317 E. 39th St., Savannah, Georgia.

NEW GUNS—IMMEDIATE DELIVERY ON most popular models of Browning, Ithaca, Remington, Winchester, Colt, S&W, Hi-Standard, others. Also scopes, accessories, supplies. Trades accepted. Write for list. AR-2. Wahl, Bogota, New Jersey.

THE FOLLOWING 12 GA. LOADING TOOLS and supplies. Ideal reloading machine, Ideal Star crimper- resizing die - de and re capper - wadcutter - Pacific powder scale - 500 Remington 57 primers - 100 Win. 209 primers, 5000 powder wads, 5000 felt wads. Will not sell part must take entire list $100.00. Send money with order. F. J. Schini, Box 929, Coeur d'Alene, Idaho.

EXTENSION BEAVERTAIL FOREARMS, semi fancy walnut for Winchesters M12, 97 & 42 all gauges. $6.75. Jim Craton's, Davenport, Iowa.

1000 ANTIQUE AND MODERN GUNS IN stock. Send stamps for lists. Gunroom, Homer, N. Y. 3-48.

FINE HANDLOADED AMMUNITION. 9MM. Luger $6.75. 8mm. Mauser '98, 150 or 170 gr. S.P. $13.50. Prices per hundred. Other calibers available .22 Hornet, .219, .220, 22-250, 25-20, .250, .257, .270, 30-30, 300 Savage. 30-40, 30-06, .38 Special, .45 A.C.P. list on request. Wagner's Gunroom, Ashland, Ohio.

AMMUNITION .45 ACP, LATE ISSUE, $4.50 hundred. 30-06 late issue, $7.50 hundred, minimum order 200 rounds. William Boggs, 1783 E. Main St., Columbus, Ohio.

MOSELEY WATCHMAKER'S LATHE, 20 chucks, no motor mechanically very good, finish slightly worn. First M.O. $75.00. Y. Yamabe, 2449 San Gabriel Blvd, Garvey, Calif.

GUN BOOKS. ALSO HUNTING, FISHING, etc. New list on request. Gunroom Booksellers, North Castine, Maine.

MAUSER, SPRINGFIELD, ENFIELD SPORTers in caliber 30-06, 300, 257, 250-3000, 270. All are perfect. Standard $100.00. Deluxe $150.00. All rifles have Lyman sights. Have two Winchester M70 standard stocks at $20.00 each. Actions taken in trade. Have Colt parts, Lyman scopes and sights. Want Mauser and Luger parts. Eugene De John, 123 Coleman Road, Wethersfield 9, Connecticut.

Collectors—Shooters First 1948 Issue
LATEST GUN LIST
Send 15¢ in coins to:—
J. HARRIS & SONS 873-875 N. Howard St., Baltimore 1, Maryland

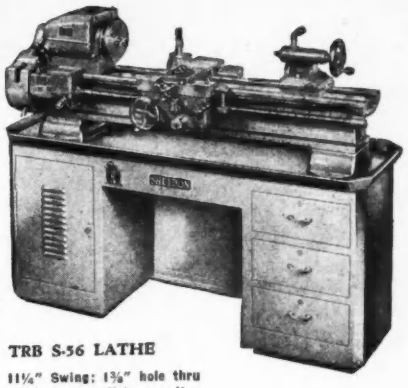
SHELDON

Gunsmiths find what they want in SHELDON S-56 series Precision Lathes, and in this series they like the TRB S-56 Lathes, best for extreme accuracy; ("Zero Precision" Taper Roller Bearings) extra capacity (1⅜" hole thru spindle); 56" bed that's just right for all but the very long antiques.

They like the 4-speed underneath drive, full quick-change gears, double-walled worm feed apron with power cross feed and modern welded bench with heavy plate top and 3 drawers . . . and they like its price. It's by far the most lathe for the money ever built.

Write for Bulletins

SHELDON MACHINE CO., Inc.
4243 N. Knox Ave. Chicago 41, Ill.



TRB S-56 LATHE

11¼" Swing; 1⅜" hole thru spindle; 1" collet capacity; Zero Precision Taper Roller Bearings.

GUN STOCKS

WALNUT ONLY $6.50 POSTPAID

ENFIELD — MAUSER — KRAG
SPRINGFIELD—JAP 7.7—JAP 6.5

OTHERS ON SPECIAL ORDER

The American Rifleman, Technical Division, Al Barr, says about our work: "This is an excellent inletting job with plenty of wood on the outside for final finishing."

We guarantee our stocks to be machine inletted better or equal to any stock on the market.

Orders shipped in the sequence received.
We acknowledge and give shipping date.

Free Folder Sent on Request

WIN-A-MER CO.

WASECA, MINNESOTA, U. S. A.

HI-STANDARD

.22 AUTOMATIC

The new Model H-DM is available in limited quantities. Production will increase as rapidly as material can be obtained. Place order with dealer.

HIGH STANDARD MFG. CORP. 1811 Dixwell Av., New Haven, Conn.

GUNSMITHING

By Wurzer

Repair, alteration, restocking, etc., of modern arms. Write first for prices and delivery date.

WURZER and PETERSON
Formerly associated with R. F. Sedgley Arms Co.
5239 N. 5th St. Philadelphia, Pa.

CUSTOM LOADING SERVICE

All wildcats, German and Jap cartridges. Case forming specialist.

J. W. McPHILLIPS
285 Mastick San Bruno, Calif.

FOR THE SHOOTER BY A SHOOTER

FREELAND BIPOD truly the FINEST $16.50 →

FREELAND DeLuxe Offset Tripod $9.50

FREELAND All Angle Tripod $11.50

—Tripods in olive or black, be sure to mention scope so proper PATENT CLAMPING RING will be on the scope stand

FREELAND CUSTOM RIFLE STOCKS, made to YOUR measure	$55.00
WEAVER SCOPES.....$9.75; $12.50; $22.50; $37.50; $45 & $48.50	
WEAVER MOUNTS.....N $2; Q $5.75; U $6.25	
ARGUS SCOPE	$74.50
MOSSBERG SPOTSHOT	$22.30
SATURN SCOPE	$25.00

FREELAND ARM CUFFS a real need ←**$3.-$3.75**

FREELAND FINE RIFLE GLOVES $3.50

10-X Rifle Coats	$13.00
Badger Rifle Kits	$12.85
Weller jointed rifle rod	$1.75
BRUSHES: Rifle & Pistol 20¢; Shotguns	.50
Rifle & Pistol Score Books	1.00

FREELAND SLING KEEPER $1.00 →

FREELAND SHOOTING MATS $12.50-$17.50

FREELAND Scope Recoil Spring $3.00

CEDARWOOD DEWAR CART. BLOCKS	$2.00
RECOIL PADS, rifle or shotgun	3.25
Gas Checks, per M	1.75
Hoppe No. 9, 35¢, Oil 30¢, Grease	.35
Rifle Rubber Butt Plate	2.00
Rig .....25¢, 50¢	1.50
Patches 25¢; DEX PADS	.25
R. C. B. CHUCKS	2.50
Trigger Shoes	2.00
PRIMERS, Per M	6.30
Ideal Powder Measure	10.00
Ideal Lubricator	12.50
Zipper closing holster rug	4.50
Koplin rifle case, with scope	12.65
Redfield 70 Series sites	8.50
Merit Melting Pot	9.00
Merit Master Disc	4.75
FLECKER SCOPES $70, $93.50, $98.50	

GUNS: WINCHESTER, REMINGTON, L. C. SMITH, BROWNING, SMITH & WESSON, HIGH STANDARD, HYSCORE, CROSSMAN, ETC.—write us for your gun needs.

TARGETS—POWDER—ALL LOADING SUPPLIES. CLUBS—get ammo prices!

FREELAND'S SCOPE STANDS

AL FREELAND

3737 14th Ave. Rock Island, Illinois

Six Reasons Why

6 MICRO SIGHTS 6

IMPROVE YOUR SCORES

1- Positive Locking

2- Click Adjustment in Windage and Elevation

3- Sharper Definition

Higher -4 Sighting Radius

Deep -5 Notch

Eliminates-6 Glare

Available for High Standard HD-M, D & E—Colt Woodsman—M. T. Woodsman—.45 Auto.—.38 Super Auto.—Official Police—Army Special and S&W Military and Police.

PISTOL AND REVOLVER SPECIALISTS

Short Actions — Offset and Wide Hammers — Accuracy Jobs

MILITARY RIFLE CONVERSIONS TO SPORTERS

GUARANTEED WORK **$27.00 & up** *TWO WEEK SERVICE*

MICRO SIGHT CO., 5813 Mission St., San Francisco 25, Cal.

GUNS

BRAND NEW READY FOR IMMEDIATE DELIVERY

FAMOUS

L. C. SMITH

Double Barrel Shotgun, 12, 16 or 20 gauge, 26", 28", 30" Barrel, double trigger, hand finished $96.10.

DEALERS WANTED

MARLIN

39A—25 shot .22 caliber lever action Repeating Rifle $50.45

80-DL—.22 caliber 8 shot bolt action $20.05

81-DL Rifle, 22 caliber, 25 shot tubular magazine repeater $25.55

IN ORIGINAL CARTONS AND GUARANTEED BY MANUFACTURER

HARRINGTON & RICHARDSON

MODEL 165 or 65 "Leather-neck" 22 caliber Barrel Length 23" $57.44

MODEL 265 "Targeteer" Bolt Action Repeater 22 Caliber Barrel Length 22" ..$37.61

MODEL 365 "Reg'lar" Bolt Action Single Shot 22 Caliber Barrel Length 22" ..$29.65

MODEL 565 "Pal" Bolt Action Single Shot 22 Caliber 22" Barrel $20.85

MODEL 48 "Topper" Single Barrel Shotgun 12-16-20 Gauge Barrel Length 30" $20.85

MODEL 999 "Sportsman" 22 cal pistol $47.95

FISHING EQUIPMENT

HUMPHREYS stationary spool Fishing Reel $22.50

HUMPHREYS Spinning Reel double cap.....$27.50

HAYWOOD ZEPHYR Spinning Rod 2 piece, 7 ft. 4½ oz., genuine hard Tonkin cane, Phillipson grip.....$35.00

HAYWOOD ZEPHYR genuine Dupont Nylon Monofilament 4 lb. to 10 lb. test Lines for the above $1.25

HAYWOOD ZEPHYR LEADERS, level and tapered.

HAYWOOD RAINBOW LEADERS—Level, Tapered and Leader Tippets—gen. Spanish Silkworn Gut.

HAYWOOD HAWK SNELLED HOOKS—genuine MUSTAD hooks.

HAYWOOD RAINBOW SNELLED HOOKS—genuine DuPont Nylon Snells.

BACHE BROWN MASTEREELS, 8 oz.....$25.00

MASTERODS, Tonkin cane, 7", 4⅝ oz.....$27.50

Spinning Lines, 4 lb. and 8 lb. test. Mist Tan and Green in 100 yards or 2 100 yards spools; Spinning Lures from $7.80 per dozen; other Accessories.

KOLPIN GUN CASES

BEST QUALITY BROWN SHEEPSKIN—SHEARLING LINED

No. 27 SHOTGUN CASES.....each $8.49
Lengths: 44-47" 47-50" 50-52"

No. 37 CARBINE-RIFLE .....each $8.49
Lengths: 37-40" 41-44"

No. 47 BOLT ACTION RIFLE.....each $8.95
Lengths: 40-43" 43-46" 46-48"

No. 47 TELESCOPIC RIFLE.....each $10.95
Lengths: 40-43" 43-46" 46-48"

Lanolin properties of best quality sherling lining prevents rusting, and top-grade brown sheepskin specially treated to resist soil and grease, can be cleaned with a damp cloth.

Dealers Wanted

HARMONICAS

precision-made pre-war-quality

PITCH: A-440, in Keys of G, C and B Flat and A manufactured by the WILLIAM KRATT CO.

BRONZE REEDS * * * * * BRASS PLATES one size 4"-3"-2⅜"

"MEL-O-DEE" .....each $1.25

"ARIST-O-KRATT" .....each $1.50

"WARBLER" .....each $2.00

FREE DESCRIPTIVE BOOKLETS ON REQUEST

SEND CHECK OR MONEY ORDER TO

TARGET ARMS

303 Fifth Ave. New York 16, N. Y.

AUTHENTIC GUN MODELS

that make real

COLLECTORS' PIECES

A one evening project hobby that's sweeping the country. Beautiful complete kits that are easy to assemble — polished brass barrel, finished brass parts, wood parts cut to shape, simplified instructions.

ONE POUNDER (War of 1812) Illustrated ...$4.00
SEA MORTAR (Napoleonic War) $4.00
FIELD ARTILLERY (Am. Revolution) $5.00

Ask your dealer for "Marine" Gun Kits. Pioneers in Model Ships and Guns.

HALESITE YACHT SERVICE, INC.

HALESITE, L. I., NEW YORK

RUSTEPRUFE

A Nitro-Solvent and Rust Preventive in one application. Prevents Rust in any climate for indefinite periods of time. Used and endorsed by leading Shooters. Sold at Hardware and Sporting Goods Stores throughout the country.

WRITE FOR FREE PAMPHLET ON GUN CARE - RUSTEPRUFE LABORATORIES - SPARTA, WIS.

SPRINGFIELD SPORTERS

In Right and Left Hand Actions—Most Calibers

NAVAL COMPANY

Doylestown Penna.

JAP AMMUNITION

31 cal. or 7.7 180 gr. S.P. 20 rds. $4.50, or 169 gr. gas check, $4.00. Jap .256 and 6.5 Italian loads 120 gr. S.P. 20 rds. $5.00, or 160 gr. F.M.P. or 128 gr. gas check $4.50. 8x57 Mauser 170 gr. S.P. 20 rds. $4.00, or 180 gr. gas check $3.50. 8x57 Rim same loads as above 50c more 20 rds. Specify second choice on type bullet. We load all American calibers. 8MM unprimed cases $6.00 per 100. 31 cal. or 7.7 unprimed cases $7.00 per 100. .256 Jap & 6.5 Italian unprimed cases $10.00 per 100. 8MM 180 gr. gas check bullets, 31 cal. 169 gr. gas check bullets, 6.5 128 gr. gas check bullets $2.50 per hundred. Mfg. excise tax included. Dealers inquiries invited.

HANSON'S CUSTOM LOADING, Bonner Springs, Kansas

WINCHESTER 52 STANDARD, EXCELLENT in, good out, Lyman 15 power super targetspot, vavers, cases, numerous accessories, $180.00. Fred Lenstra, 4811 Underwood, Omaha, Nebraska.

COLT WOODSMAN 6½" NEAR PERFECT, holster $65.00; Crossman .22 single, pellets, excellent $20.00; Fox Sterlingworth 12, excellent, numbers branded in stock $60.00; Marlin over-under 12, excellent $50.00; Belgian Browning 3 shot 12, Weaver choke, excellent $95.00; Winchester 94 30-30 near perfect $65.00. J. De Smidt, Rt. #3, Sheboygan, Wisconsin.

8MM. SEMI-AUTO GERMAN RIFLE EXcellent $65.00; Ranger over-under 12 ga. 28" M&F excellent some blue wear $60.00; Stevens double 12 ga. 28" M&F Nydar sight excellent $60.00. Van Horne, Nevis, Minn.

REMINGTON M241 NEW $57.50. IDEAL lubricator & sizer .38 Special and .45A $8.50. 100 Outdoor Books $10.00. Ammo. .220 Swift $2.25, .257 Roberts $2.60, .22 Hornet $3.70 per box. Most others. M07 Winchester auto, 351 caliber excellent $75.00. Jeff. Trader, Pocomoke City, Maryland.

CARTRIDGE CLEARING HOUSE: 20-8MM. and 7.7 Jap $2.50; M1-$1.50; 30-9 and 7.65mm. Luger $4.00; .45 ACP $2.00. 50c packing charge on less than 3 boxes. Many others, domestic and foreign. Can solve your ammunition problems. We buy and sell cartridges, cases, bullets, moulds, dies & tools especially Pacinc. Underwood, Main & Spring, Shrewsbury, Mass.

.38 SPECIAL S&W M.P. 5" BARREL, PERfect $50.00. Winchester 52 standard complete, excellent, $75.00. C. Haggman, 52 Burnham St., Belmont, Mass.

MANNLICHER BY JEFFERY OF LONDON 6.5mm. custom built rifle, open folding express sights, extra peep on bolt head. Jefferys' 5 x scope in off-set mounts, v.g. to excellent $175.00. Jefferys'-Mauser 7mm. custom built sporter, beautiful black walnut stock, horned tip, finely checkered. 22" barrel, ramp bead front and open folding express rear. Weight 7 lbs. Brand new, $275.00. Webley & Scott .303 double barreled ejector rifle. Anson and Deeley box lock heavily engraved. Circassian cheek-rest stock and forend superbly figured. Q.D. sling. Treble-grip extension 28" barrels, open leaf sights. Weight 9 lbs. excellent $500.00 Merkel (Suhl) 12 ga. finely engraved box lock ejector double, 30" both full choke, beautifully figured cheekrest stock, excellent $250.00. J. P. Sauer & Sohn (Suhl) 12 ga. finely engraved box lock ejector double, beautifully figured, cheekrest stock, v.g. to excellent $175.00. Mauser 30-06 custom built deluxe sporter. 24" finely tapered barrel, ramp front. Redfield rear. Bolt bent and turned. Action, breech, bolt handle, rear sight, trigger guard and floor plate finely engraved. English Bosley stock beautifully checkered. Q.D. sling. Brand new, $250.00. Merkel Bros. 7x64R. double barreled O&U rifle of the most advanced design. 26" barrels finely tapered, ramp front, open rear, scope bases. Box lock action with side plates most elaborately carved in game scenes, set triggers. Beautifully figured Circassian cheekrest stock (left hand). One of the finest rifles available. As new $1250.00. L.C. Smith "Specialty" 12 ga. double trap gun ejectors S.S. trigger v.g. to excellent $225.00. Westley-Richards 10 ga. non-ejector double. Box lock action entirely engraved. Circassian stock beautifully figured, v.g. to excellent $150.00. Modern Gun Shop, 3006 Danforth Avenue, Toronto Ontario, Canada.

MAUSER 8x60 FULL RIB BARREL EXCELlent $150.00. 405 Winchester deluxe grade excellent $90.00. Three barrel hammerless 16x16x7.7 engraved good $60.00. Belgian hammerless 20 gauge auto. ejectors cross bolt v.g. out fair in $90.00. J. P. Sauer 6.5 Tell shotgun type action D.S.T. beautiful Circassian stock excellent $90.00. Belgian 16 gauge outside hammers elaborate engraving collectors item v.g. $50.00. 455 Webley Fosbery perfect $140.00. 7.65 Stoeger Luger 6" barrel perfect $125.00. 7.63 Bolo Mauser short barrel excellent $125.00. P.38 excellent $50.00. 7.63 Tokarev fair to good $35.00. P.35 Radom excellent $50.00. Wanted 505 Gibbs and .280 English rimmed cartridges, first money orders. Floyd Hill, Life Member, 4737 West Moncrief Place, Denver, Colorado.

20 SURPLUS ARMY .38 S&W—1 32-20 MILItary police nickel finish. White grips, excellent, 4 & 5" barrels $39.75. 2 Lugers 9mm, excellent $32.50. 1—P.38 excellent $30.00. 2—Colts Frontier. 45 38-40 excellent $42.50. Shells—9mm. $7.50 box. 25-32 auto. $4.75—8mm. Jap rifle shell-$6.00. Sorry no C.O.D. Jack Bockenheuser, 1005 Fondulac, Muskogee, Oklahoma.

RELOADING: EVERY CHARGE WEIGHED. 30-06, $3.00. 257, $2.50 per 20, your cases. F.O.B. 4895 powder 75 lbs. $6.00 for 10 lbs. send cans. Mac's Reloads, Arnegard, No. Dak.

EMBLEMS - BRASSARDS

Write for Sample and Price List

Your Design or Mine

G. O. WOOD - 124 ONTARIO STREET, LYNN, MASS.

BARREL ONLY W70 7MM. 24" no sights, very good $17.50. A. A. Sanna, 300 So. Franklin Street, Fleetwood, Penna.

WINCHESTER M53, 32-20 LEVER ACTION good condition 175 rounds ammunition $45.00. Wentz Radio, Olean, N.Y.

FACTORY NEW! WINCHESTER "SKEET" M21's. Ventilated ribs. Beavertails. S.S.T. ASE. PG pad. 12 ga. 28". 16 ga. 26", $287.80 each. Henry C. Adams, Centerville, Iowa. (Life).

8MM. S.P. BULLETS, 110 GR. OR 170 GR. $5.00 per 100 8mm. ammo. 15¢ each. Jap .25 or .30 primed cases $7.00 per 100. No C.O.D. J. G. Wilkinson, 1209 Lincoln Avenue, Peoria 6, Illinois.

2R LOVELL WINCHESTER 54 GRIFFIN-Howe, 440 Weaver Litschert attachment, $125.00. Enfield 30-06, 29S Bishop Monte Carlo $90.00. Winchester 52 standard issue rear 17A Bishop Monte Carlo, blue worn, $65.00. Western Field 16 ga. pump $50.00. Ranger 16 gauge bolt action repeater $25.00. All good to very good. Charles E. Maunder, 812 Ash, Hastings, Nebraska.

SPRINGFIELD SPORTERS. TWO .270's, Alaskan, King-Pike, $210.00 each. Two .270's, K2.5, Redfield Jr., $185.00 each. Two .270's, K4, Redfield Jr., $192.00 each. Two .257's, K2.5, Redfield Jr., $185.00 each. Two .257's, K4, Redfield Jr., $192.00 each. Factory built stocks, checkered, oiled finish, swivels. Low bolt and safeties. All serial numbers over 1,300,000, 24" barrels. Have several 30-06's stocked as above, plain bolt and safety, serial numbers about 1,000,000, ramp front #70 rear, $105 each. All merchandise new. No telegrams, COD, or lists please. N. L. Papernek, 172 Fetter Avenue, Trenton 10, N. J.

WINCHESTER MODEL 21 HEAVY DUCK gun 3" chambers, single trigger, Beavertail forend, selective ejectors, full choke, Monte Carlo stock, new condition, $250.00. Gordon Burlew, Box 420, Matawan, New Jersey.

WINCHESTER 70-250 TARGET EXCELLENT, $165.00. 2R Krag action, Weaver K4, very good, $140.00. Earl Price, Lodi, Wisconsin.

MARLIN 39HS LEVER-ACTION .22 REPEATer, Lyman 103 micrometer tang sight, 17A, perfect in, slight bluing wear, carrying case, $30.00. Christopher Brooks, Oval Avenue, Riverside, Connecticut.

WINCHESTER M-1907, 351 SL, FAIR, $42.50; Winchester M-92, 25-20 takedown, Lyman tang, hooded front sight, sling, 200 rounds ammo. good, $48.00; Winchester M-94, 38-55, new barrel and bolt, remainder good., $38.00. Iver Johnson 12 gauge double shotgun, 32" barrels, both full, automatic ejectors, excellent, $65.00. Colt .45 SA, 4-¾" barrel, excellent $65.00. Colt PP .22 target, v.g. $52.00. William Boggs, 1783 E. Main St., Columbus, Ohio.

WINCHESTER 63, .22 AUTOMATIC, RECeiver sight, excellent $57.00. E.A. Gifford, 2035 West Third, Dubuque, Iowa.

MODEL 21 WINCHESTER, DELUXE GRADE, 12 ga. 30" barrels, single trigger, auto ejectors, perfect $250.00. L.C. Smith Specialty grade, 12 ga. 30" barrels, single trigger, auto ejectors, Crowe ventilated rib, excellent except crack on right side of stock, $195.00. Fox single barrel trap, 32", auto ejectors, ventilated rib, 12 ga. v.g. $175.00. L.C. Smith, Specialty grade, single, 32" 12 ga. auto ejector, ventilated rib, v.g. $175.00. Winchester model 12, 12 ga. with Crowe ventilated rib, skeet stock & forend, Poly Choke & Comp. 28" excellent, $165.00. New Pigeon grade model 12, 12 ga. skeet gun with grade "C" engraving and gold inlay, $560.68. Over 50 other guns to choose from including sporting & match rifles, Standard & High grade shotguns, pistols and shooter's supplies. Guns sent C.O.D. with inspection privileges. Schwab's Sport Center, Findlay, Ohio.

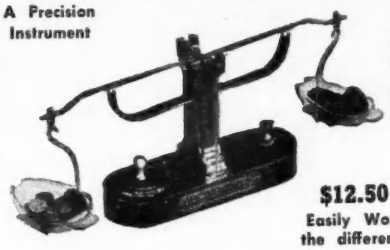
FREE-RIFLE HAENEL, OLYMPIA, BOTTOM lever action, .22, D.S.T., fancy checked custom stock, Rt. hand thumb rest, plain butt. Barrel & action new; stock, minor scratches, $100.00. Fecker 1-5⅝" 10X new $98.50. Both $175.00. 52 H.B. model before last. good, in; out, 48; 17A $60.00. D.A. Hammes, 1916 Broadway, Superior, Wisconsin.

EXCELLENT TO VERY GOOD WINCHESter 52 H.B., 48J, 17A, Fecker 10X, coat, glove, wood case, other extras, $130.00. Zeiss 6x30 Silvarem, optically perfect, case, $75.00. J. N. Fisher, Black River Falls, Wisconsin.

35X TELESCOPE, EXCELLENT, $35.00. HI-Standard .22 caliber model HE 6-¾" heavy barrel, very good $50.00. English W.R. Pape, 12 gauge, 28" barrels R. cyl. L. mod. fair to good $55.00. G.B. Campbell, 16 Hillside Avenue, Upper Darby, Penna.

Was a man in our town
Who was wondrous wise;
Bought his guns from BEDFORD
And snooted other guys.
BEDFORD BUGLE

A Precision Instrument



POUR-MASTER CLEAR PLASTIC FUNNELS

Allows maximum flow of powder and clear vision. Wide bell mouth slips easily over outside of case. Indispensable for small cases, a decided advantage for all cases. Be sure to state exact caliber. Each funnel fits only one case.

$1.25 Standard Calibers
$1.50 Odd Sizes

$12.50
Easily Worth the difference

WA-MASTER RELOADING SCALE

"The WA-MASTER is rapidly becoming the most popular scale on the market for it has more valuable features than any other scale. The vertical indicator is easily read, and clearly shows variations of one tenth of a grain. It is light, yet rugged enough to weigh the heaviest bullet. Comes in a beautiful two tone crinkle finish, and packed in a strong light wooden box, which will serve to protect the scale when not in use. A set of bullet weights can be furnished."

Write for illustrated and descriptive folder.

MASTER MFG. CO., Sta. "O", Box 26, Cincinnati, O.

7X50 BINOCULARS

Zeiss Design

ONLY
$49.50
Plus 20% Tax

Same power and size as glasses selling for $139 to $200

Save up to 75%

Give your eyes a new thrill—hunting, touring, observation, sports, nature study, etc. This brand new SUPER LONG RANGE binocular has amazing power, intense illumination and a wide field. 7-power, stereo-prism with huge 50mm objectives—the same size and power as used by Army and Navy. Military model, only 6¾ in. high, Zeiss design. It is yours at only one quarter the cost of similar glasses. None ever sold at this price. This small quantity was just completed by U.S. Govt. permission for reparations, and we are assured there will be no more.

5 DAYS TRIAL — MONEY BACK GUARANTEE

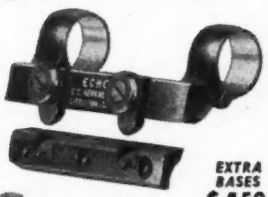
Order yours today. Extremely limited supply. Complete with case and straps. Priced for quick sale—only $49.50 plus 20% tax. $10 deposit required on C.O.D.

Satisfaction guaranteed or your purchase price refunded at the end of 5 days free trial.

DuMAURIER CO. Dept. 102 **ELMIRA, N. Y.**

Choosing a Scope Mount No Longer a Problem!...

PRICE COMPLETE
$17.50



EXTRA BASES
$4.50

Choose ECHO the MOUNT with 9 IMPORTANT FEATURES

1. Low scope position . . . in exact center for normal sighting.
2. Dovetail side-anchor, grooved along the entire length that fits into correspondingly shaped base.
3. Powerful recoil-absorbing, double-locking lugs. . . These lugs are tightened or loosened without the aid of tools or coins.
4. Scope slips into place in a few seconds, and the mount positively goes back to zero every time.
5. Quickly detachable to permit the use of metallic sights, and for safety in storage and transportation.
6. No loose parts to lose . . . base firmly mounted on the rifle.
7. Machined to fit specific rifle models.
8. All Echo brackets are interchangeable with any Echo base, thus permitting the use of one scope on several rifles.
9. Light weight (weighs only 4½ oz.) yet, sturdy enough to stand the gaff of excessive recoil.

Our achievements in the principles of simple design and construction give you a *higher quality* mount at a lower-than-average cost. And that's only part of the story . . . for the rest see it at your dealers or write for free information.

E. C. HERKNER COMPANY
DEPT. A-2 LITTLETON, COLO.

Bluing Tanks
Chambering Reamers
Headspace Gauges
Inletting & Checkering Tools
Special Taps & Dies

GUNSMITHS: Tell us your needs: If goods or tools are available we will advise you, quoting lowest possible prices.

DRIVER EQUIPMENT CO.

1152 Valencia Str., San Francisco 10, Calif.
Manufacturers, Distributors, Gunsmiths' Supplies.

GUN BOOKS

OLD and *NEW*

Any book that is advertised or reviewed in THE AMERICAN RIFLEMAN—also many hard-to-find titles. Send 25¢ for price list.

RAY RILING—Arms Collector Service
6844 Gorsten St., Philadelphia 19, Pa.

Pat. Pend.

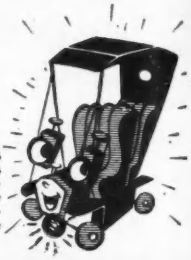
Clear Sight Scope Lens Caps

Optical glass lens and Neoprene bodies protect scope lens from excessive or hurried cleaning, oil, moisture, dust, shocks, scratches. For all popular hunting scopes—$2.95 pair. At your dealer or direct.

SOUTHWEST CUTLERY & MFG. CO.
1307 Olympic Blvd. Montebello, California

Life Members, you'll want to show off this neat 10-K gold pin, emblematic of lifetime NRA membership. Price, including postage and federal tax — $3.50.

Something new for the annual member . . . the NRA eagle lapel button shown below. Gold filled! Price, including postage and federal tax — $1.50.



Even the old flivver feels dressed up wearing this Reflecto type auto emblem with the distinctive NRA eagle. Easily attached to your auto license plate. Postpaid, $1.00.

order from . . . . . .

TERHAAR

BARREL BANDS and Q. D. Swivel Base For barrel diameter of .74, .80, .84 and .87 — **$3.50**

Barrel Band Open Rear Sight Adapter — **$2.50**

VENTILATED RAMPS Complete with hood and standard dovetail sight for barrel diameters .565, .575, .600, .618, .630, .640 — **$8.50**

Same as above, but not ventilated — **$6.00**

All sights, scopes and mounts in stock. Sale, Exchange and Mounting Service. Rebarreling, restocking, etc.

TERHAAR GUN WORKS
7 West 21st St., Jacksonville, Fla.

GOOD MAUSER ACTIONS WITH NEW .257 barrels, not polished or blued, $55.00. Krag sporter excellent inside, very good out, 3½ boxes ammo, $70.00. Excellent 4" .38 M&P $50.00. Daniel Murphy, 807 So. Union, Aurora, Illinois.

HIGH NUMBER 1903 RIFLE, GOOD, AS ISsued $65.00. Late issue 303 British Enfield, perfect, no magazine $55.00. 1000 .38 Special reloads, $30.00. S/Sgt. George Nonte, Sq. E. Scott Field, Illinois.

RIFLEMAN, 1930, 1934 THROUGH 1946 COMplete, eleven years $10.00. Jacob Fawcett, Princeton, Illinois.

6.5x57MM. CZECH SPORTER, MANNLICHER stock, D.S.T., leather case, perfect, $135.00. Hensoldt 1½X shotgun scope, post reticule, perfect, $40.00. R. A. Douglas, 3522 Janet Drive, Indianapolis, Ind.

M2 SPRINGFIELD HORNET, SINGLE SHOT, French Walnut stock K4 scope, Redfield mount, $185.00. N.S. Springfield 30-06 curly maple stock, Alaskan scope, Redfield mount, $175.00. N.S. Springfield 30-06 burl walnut stock Johnson featherweight barrel Alaskan scope, Redfield mount, $190.00. N.S. Springfield walnut stock, ramp front, open rear sight 30-06 Sedgley barrel, $100.00. Hensoldt 4X Dialytan scope $90.00. All guns and scopes excellent. George Krannick, 679 Merton Ave, Akron 6, Ohio.

COLT WOODSMAN 4½", FACTORY PERfect, one month old, holster, $80.00. National Geographic Magazines, 1920-1941 $35.00. Cross, 307 West Ninth, Waterloo, Iowa.

WINCHESTER M70 .250-3000 TARGET grade, Super grade stock, tapped for Mts., excellent $148.50. Winchester M52 HB target, no sights, speedlock, excellent $69.50. Mauser 8mm. sporter, checkered bolt, open sights, not tapped, beautiful, new, 25 rounds, $119.50. Springfield 30-06 target, L48, sling, v.g. $73.50. Hi-Side 2R Lovell, target barrel .25", 8X Jr. Targetspot, loads, excellent, $160.00. Mauser .257 caliber bullgun, scope bases, extremely accurate, excellent, $135.00. (27" barrel). Keim Sporting Goods Co., Fredericksburg, Ohio. (Rt. #2)

MAUSER 7.63 AUTO PISTOL. PREWAR. New test fired only. Beautiful holster 92 shells, $125.00. M. J. Robertson, MD. 3210 Girard Ave. South. Minneapolis, Minnesota.

SWEET 16 EAGLE GRADE SMITH, 28", mod & full, ejectors, pad, ivories, Circassian stock, perfect in, excellent out, inspection allowed, $200.00. J.D. Creech, Green Hall, Kentucky.

COLT NEW SERVICE TARGET, CALIBER .45 Colt, 7½" barrel, square butt, wide hammer spur, with 35" Heiser #62 belt and #754 hand carved holster, excellent $110.00. Bond mould 311140 double, B&M, 311169 single $3.50 each. Edward S. Ridge, Trevose, Penna.

WINCHESTER MODEL 21 SKEET 20 GA. perfect $200.00. Ithaca single trap Victory grade excellent $90.00. Ruth Golden, 17508 Hilliard Road, Lakewood, Ohio.

DELCO LIGHT PLANT, $100.00; 8 QUARTER horsepower motors, $5.00 each; 2 radios, $10.00 each; flatiron, $5.00. Excellent condition. Edward Johnson, Rt. #1, Sparta, Wisconsin.

LUGERS DWM 8" v.g. out fair in, $50.00; DWM 4" Navy v.g. $40.00; byf 4" excellent $45.00. Numbers match. P.38s ac 43 excellent $35.00; eyg bore excellent out fair $25.00. All holsters. W.B. De Riemer, 1900 Riverview, Wilmington, Delaware.

FINE SPORTING RIFLES, SHOTGUNS, handguns. Flintlock, percussion Kentucky rifles, percussion target rifles, some of the finest buys we have been able to offer for years, plus cleanup sale on low priced long arms, pistols. Stamps for list. G. Crozier, Homer, N. Y.

NOTE:
***The* DEALER & COLLECTOR**
advertised below, is also available at magazine stands in the following vicinities: MAINE — Bangor, Portland; NEW YORK — Albany, Long Island, Middletown, Poughkeepsie, White Plains; NEW JERSEY — Elizabeth, Newark, Paterson; TEXAS — Dallas. — ASK FOR IT TODAY!

NEW GUN MAGAZINE

AT MOST NEWS STANDS
OR ENTER YOUR SUBSCRIPTION NOW!

FEATURING:
- *Rifles, Pistols, Shotguns*
- *Cartridges & Ammunition*
- *Gunsmithing Notes*
- *Trade Notes & Products*
- *Interesting Illustrations*
- *New & Antique Items*

By subscription: $2.00 per year, $3.50 for 2 years, or $5.00 for 3 years. — (Foreign: Add 25¢ per year)

THE DEALER & COLLECTOR
Dept. DRX, Flushing, New York

THE DEALER & COLLECTOR

SITE • RITE
PRECISION CENTER DOT
Trade-Mark

Pat. Pending

Available in floating dot, cross hairs semi-visible & with fine distinct cross hairs for dots 1½" & over. Dot sizes ¾" to 4" at 100 yards. 24 to 48 hour service. *All work unconditionally guaranteed.* Dots installed your scope $7.50, except Alaskan, Leupold, G88, Texan $10.00 & foreign scopes $12.00. New scopes with precision dot for sale; K2.5 $45.00; K-4 $52.50; Texan $60.00; Alaskan $70.00. All target scopes at list price plus $7.50 for dot. Nylon Cross Hairs—Single $6.00; Double $8.00. Scopes Repaired & hard coated. Send for estimate. *Send all scopes by Registered Mail.*

All popular mounts at list price.

ARTHUR R. MYERS 410 BOND BLDG. WASH. 5, D. C.

NEW FRANZITE GRIPS

Plastic, in six colors: Ivory, pearl, walnut, onyx, petrified wood, and black.

HD-Mil, HI Standard	$3.00
Walther PPK	5.00
P-38 Walther 9 mm DA	4.50
.32 Mauser DA HSC	3.50
.32 Walther PP DA	3.50
Radom P-35 9 mm	3.50
9 mm Belg. or Can. Brng. Bl935	3.50
.32 & .380 Sauer DA Model 38	3.50
Colt .45 Auto., .38 Super, .22 Ace	3.00
Colt Woodsman, Standard size	3.00
Colt New Service and M1917	3.50
Colt Single Action	3.00
S&W Mil. & Police with square grips	3.00
S&W M1917, Outdoorsman, .38/44 HD	3.50

Will quote on target and fancy models

Please Remit with Order

LINWOOD SPORTS CO.
P. O. Box 377 Linwood, Mass.

RIFLE CLUB EMBLEMS HELP BUILD CLUB MEMBERSHIP

SEATTLE RIFLE CLUB

Do your club members wear emblems on their jackets or coats? Let them show their pride in the club by sporting our beautifully designed emblems.

We follow your design in embroidered, chenille, flocked felt or regular felt. Send us your sketches for prices.

Emblems
Banners
Pennants
Letters
Flags

MANUFACTURERS
AMERICAN SCHOOL SUPPLY CO.
360 Glenwood Ave., Dept. A-10
East Orange, N. J.

INVENTORS

When you are satisfied that you have invented a matter of value—write me, without obligation, for full information on what steps you should take to secure a Patent.

PATRICK D. BEAVERS
(Formerly RANDOLPH & BEAVERS)
Registered Patent Attorney
904 Columbian Building, Washington 1, D. C.

SHOOTING GLASSES

Worn by America's Leading Shooters

30-day Trial. Also ground to your prescription. Write for booklet.

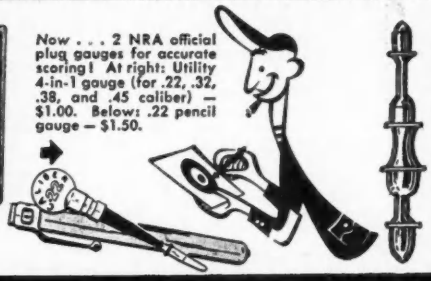
$3.75 to $15.00

W.N.BELZ, INC., Opticians, 2 E.44thSt., New York
Specialists in Fitting Shooting Glasses.

CAN'T FIND IT?

Your file of *The American Rifleman* is always neat and in order if kept in this goodlooking loose-leaf binder. Holds a whole year of *The Rifleman*. Postpaid, $2.50.

Now . . . 2 NRA official plug gauges for accurate scoring! At right: Utility 4-in-1 gauge (for .22, .32, .38, and .45 caliber) — $1.00. Below: .22 pencil gauge — $1.50.



NATIONAL RIFLE ASSOCIATION 1600 RHODE ISLAND AVE., N. W., WASHINGTON, D. C.

HIGH GRADE REVOLVERS, ALL EXCELlent plus 357 Magnum S.A. Colts 5½", Colts Steerhead ivory grips, short action Bisley type hammer, wide trigger, high speed mainspring, micrometer click rear, long range front sight, blue, $150.00. Heiser hand carved holster 1926 post war model S&W 6½" blue .44 Special full floating ventilated rib, micrometer click rear, mirror reflector front sight, wide hammer speer, Franzite stag grips, Myers hand carved holster, $145.00. 1926 post war model S&W 3½" barrel blue ventilated rib, adjustable rear, quick draw gold front sight, wide hammer spur, Franzite stag grips, 44 special $135.00. .44 Special Colts New Service 7½" blue full floating ventilated rib, micrometer click rear, mirror reflector front sight, wide hammer spur, honed action, genuine stag horn grips, $135.00. Richard E. Mischler, Medford, Wisconsin.

NEW RIFLES. THREE REMINGTON MODEL 37AR; five model 513T; one model 241; two model 121. Others occasionally. Regular prices. Miller's Gun Shop, Kingwood Park, Poughkeepsie, New York.

30-06 ENFIELD SPORTER REDFIELD 70 rear ramp front curly maple sporter stock excellent $175.00. Same but with walnut stock $110.00. Army 1¼ slings used $1.00 each. $9.00 dozen. Enfield straightened trigger guards $4.00. New Enfield Military stocks $5.00. Other Enfield parts. Brodeur & Nedeau, 302 East, Ludlow, Mass.

LARGEST STOCK OF MODERN NEW AND used guns in New England. Buy, sell or trade. List dime. The Green Store, No. Haverhill, New Hampshire. 3-48.

99 SAVAGE .22 H.P. GOOD, LYMAN 29½ rear, 70 rounds, $70.00. Springfield .45-70 M1884, reblued, refinished, v.g., 20 rounds, $35.00. Hinumber M1903 issue Springfield good $40.00. Jack Turner, 1747 E. McKinley, Norman, Oklahoma.

WRITE FOR LIST SPORTING & VARMINT rifles, (new & used) telescopes, (mounted free) mounts, sights, reloading tools, components, Sisk bullets, barrel blanks, accessories, etc. A few M70 Winchesters & 9mm. Luger ammo. on hand. French, 4603 Westminster, St. Louis, Missouri.

NEW GUNS: M64- 30-30, M70-30-06, PLENTY 30-30, 30-06, 357 shells. Bielefeld, New Knoxville, Ohio.

NEW GUNS IN STOCK—SUPER .38 AUTOmatic, .45 Colt automatics, S&W .38 Specials and .45, Colt revolvers K22s coming thru—Most shotguns, rifles and scopes in stock—Factory list. Sports Center Inc., 215 Broadway, Paducah, Kentucky.

MODEL 70 .270 K2.5 SCOPE REDFIELD JR. mount excellent $190.00. 250-3000 Savage bolt action Goerz scope excellent $175.00. Remington 513S Bear Cub scope new $190.00. Other high power rifles. Sam Nite, Montezuma, Kansas.

HANDLOADING. HORNET. K-HORNET 6¢. 250-3000 9¢. Your cases. Ray Guthrie, 2 Belvedere Street, Williamson Road, Roanoke, Virginia.

ALL LYMAN TELESCOPES, SIGHTS, RELoading tools in stock. Components, Sisk bullets, gas checks $1.30 per 1000. Reloading in all .22 caliber. Price list stamp appreciated. M. Pecha, Acushnet Ave., Worcester 6, Mass.

9MM. AMMUNITION $4.50 BOX OF 50. CALIber .30 M-1 Boattail $7.50 hundred rounds. M. O. please, no C.O.D. Will trade. James S. Yarbrough, 318 No. 22nd St., Fort Smith, Arkansas.

20 GA. REMINGTON SPORTSMAN V.G. $65.00. Winchester 75 and Mossberg scope, excellent $60.00. Luger 38 Colt D.A. 45 auto u.s. $30.00 each. R. Vail, Warwick, N. Y.

NEW WINCHESTER 70-270 FIRED 6 TIMES $130.00. Bart Schmitt, 1516 So. Lincoln, Springfield, Illinois.

Before you buy . . . Get full information on
BELDING & MULL RELOADING EQUIPMENT

Performs all necessary reloading operations except powder charging, and is the least expensive precision-made Tool on the market.

Belding & Mull Straightline Reloading Tool, Model 28 Imp. **$19.50**
Belding & Mull Visible Powder Measure, *complete—no extras to buy* **12.50**
Belding & Mull Stainless Steel Cleaning Rods, Type A **2.50**

Ask for free circular for full information on these and other B&M Products now available. B&M Handbook 128-page booklet on handloading rifle and revolver ammunition, 60¢ postpaid.

BELDING & MULL
9 North Front Street
Philipsburg, Pa.

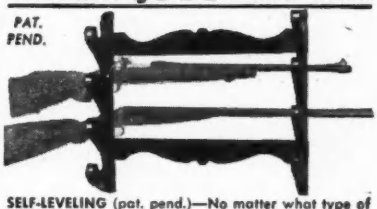
CONVERSIONS

Enfields, Springfields and Mausers made into sporting rifles. Custom barrel work. Your Win. 52 made into sporter to your specifications. We are familiar with the needs of target shooters and can handle your work promptly. Write for price list.

THURMAN RANDLE & CO.
208 N. Akard St. Dallas 1, Texas

THE "PEQUOT" GUN RACK

PAT. PEND.



SELF-LEVELING (pat. pend.)—No matter what type of gun, it drops into natural horizontal position in this rack. The "PEQUOT" (pat. pend.) embellishes the surroundings of den, living room, hall or foyer. Holds up to 4 guns. Just the thing for every gun owner. $7.95 prepaid, check, money order or C.O.D. 6 gun size—$9.95. Made of selected finely grained cherry, hand rubbed walnut finish. Both husband and wife will agree the PEQUOT adds grace and distinction to any room. An ideal Christmas present.

GEORGE MARNHOUT CO., MFR'S
Dept. R-28, 1701 Arch St. Philadelphia 3, Pa.

Rebarreling by **MARKSMEN**

MAUSER, SPRINGFIELD, ENFIELD
SINGLE SHOT ACTIONS

We use ADAIR BARRELS. Building complete Rifles in most of WILDCAT calibers, and all popular standard calibers.

Custom Bluing by DuLite Process.

— Primers, Powder, Bullets —
— A Few Guns for Sale —
— Send for Price List —

MARKSMEN 112 W. 9th St. Little Rock, Ark.

TOOL STEEL DRILL ROD $1.95 POSTPAID in Continental U.S. C.O.D.'S ACCEPTED

25 Rods SAMPLER KIT 25 Sizes

Ground and Polished to a Perfect Finish

1001 uses for Craftsmen, Hobbyists, Mechanics, etc.

For Making Punches Chisels Engraving Tools Shafts, Etc.

Free machining, easily worked, yet can be made file hard, or hardened to spring temper. Hardening instructions included!

FREE
With every kit or first order 6" steel comb. rule & depth gage with pocket clip and latest price list.

FLAT TOOL STEEL SHOP ASSORTMENT - - $4.80
5 dif. Pieces—1/32" to ⅛" thick; ½" wide; 18" long.
BOTH KITS FOR $6.50

Complete **aluminum-brass-stainless & tool steel** stocks
Include 25¢ postage on orders under $5.00

BESSEMER STEEL COMPANY OF AMERICA, Dept. K. C. 14
1958 W. 59th St., Chicago 36, Illinois

Cartridge **CASE TRIMMER**

Precision built; trims case, cuts off neck, removes FA crimp, reams primer pocket. GUARANTEED. Special *new* prices to NRA members. Send stamp for folder.

G. T. SMILEY CO., Box 54, Clipper Gap Calif.

AIR RIFLES **BENJAMIN** AIR PISTOLS
PIONEERS—LEADERS

Send for Free Folder of Latest Models Today

If you want a REAL GUN for PRACTICAL USE inside or outdoors, get a SAFE — CLEAN — ECONOMICAL BENJAMIN with Amazing Accuracy and Adjustable Power. Use BENJAMIN H-C PELLETS for BEST RESULTS in all Rifled Models. WRITE AT ONCE.
BENJAMIN AIR RIFLE CO., 807 Marion St., St. Louis, Mo.

AVAILABLE - - SCOPES, SIGHTS, GUNS

Winchester 52 Heavy Barrel Marksman Stock, $89.15

Winchester 52 Standard, Lyman Sights	$95.05
Winchester M/75 Target Rifle	53.50
Win. M/69 Match Rifle, Complete	35.80
Remington 513TR Target Rifle	53.50
Remington 521 TL Target Rifle	34.85
Win. M/52 Sporter, Complete	138.00
L. C. Smith Double, Field Grade	96.10
Smith & Wesson M & P 2, 4, 5, 6 in.	56.50
High Standard, 49.50. K-22	65.00
Remington 31LA, 20 Gauge, ribbed	91.65
Mark 218, $22.50. Mossberg, $22.40. Saturn	25.00
Alaskan, $60.00. Texan, $50.00. G88, 2½	50.00
K-4, $45.00. K-2.5, $37.50. J-2.5	22.50

Winchester M 07 Cal .351	$120.00
Remington M11 or Sportsman	94.00
Marlin 39A .22 LR	50.45
S&W M1917 .45	64.00
Stearns gunsheath	11.95

K-6, $48.50. J-4, $27.50. G-6	$12.50
Unertl 1¼, $78.00. Unertl 1½	90.00
Unertl S. G., $40.00. Varmintmaster	75.00
Fecker 1⅛, $70.00. Fecker 1⅜	98.50
Fecker 1¼, $70.00. Fecker Chucker	62.50
Lyman Junior Targetspot, 6, 8X	62.50
Pacific Tool, $27.50. Pacific Scales	8.75
Bullet Moulds $6.50 Melting Pots	1.25
Saeco Powder Measure, $12.50. B&M	12.50
Primers, any size, NCNM per thousand	6.30
Flexible Barrel Band. State Size	1.60
Gopher Trigger, Speed Action, Enfield	15.00
B&L 7x35, $168.00. 8x30, Zephyr lgt	180.00
Weaver, Echo, Stith, G&H, Pachmayer, and King Pike Mounts in Stock. State Size	
.22 L R Match Ammunition, per M	12.92
.22 L R Kleanbore, Leader, or Peters	10.76
Special quantity prices to Rifle Clubs. Our Stock Changes Daily. Our new list is ready. Ask for one.	

Arabuck guncase	2.00
Argus Super Spotting Scope	74.50
Lyman Tru-Line Loading Tool, Sr.	37.50
Lyman Tru-Line Loading Tool, Jr.	22.50
Pacific loading tools	37.50
New Lyman powder measure	10.00

GOPHER SHOOTER'S SUPPLY **FARIBAULT, MINN.**

Sporting Goods — Wholesale & Retail

"SPORTSMAN"
STOCK BLANKS
(Semi-Inleted-Walnut)

MAUSER - ENFIELD - SPRINGFIELD - KRAG

$7.50 PREPAID

THE SPORTSMAN SHOP
GREELEY, COLORADO

FEMCO
MICRO-ADJUSTABLE HEADSPACE GAUGES

30.06.—8mm.—.270 Cal. Other calibers, on order. Made of hardened steel, finish ground to size. Thread tensioning device, may be locked at any point. DIRECT READING in thousandths of an inch over minimum headspace length. NEW SHAPE, makes this gauge easy to use. Simply place gauge in the magazine and load into the chamber like a cartridge. Not even necessary to remove firing pin in some rifles. Flattened primers often indicate EXCESSIVE HEADSPACE. DO NOT SHOOT that war trophy or unserviceable Army rifle until you have checked the headspace length. For a limited time we offer you this micrometer gauge at about ½ retail value Ppd. U.S.A. This offer and price subject to withdrawal or change without notice. **$7.50**

Send stamped envelope for descriptive folder.

FEMCO
SPECIALTY MANUFACTURING
1115 N. E. 60th Ave. ● Portland (13) Oregon

BORESIGHT YOUR RIFLE
SAVE TIME AND AMMO

IT'S SIMPLE! IT'S QUICK!!

IT WORKS!!!

BORESIGHTERS, any bore size $1.00
Bore Mirrors ..... .25

Order direct and specify caliber
Lever, slide, or auto actions require bore mirror.

GUNSMITHS & SHOOTERS TOOLS
Send for Price List

TOM FROLEY (N.R.A. Member)
694 Northumberland Road, West Englewood, N. J.

RUGGED? YOU BET!

BELL WATERPROOF SHOCKPROOF

Handsomely styled, precision tested, built to take hard usage, ready to go places.

No. NA 220—ALL-STAINLESS STEEL CASE, 17 jewels, antimagnetic, radium dial and hands, unbreakable crystal, sweep second hand. (Price includes Fed. Tax and Postage) **$29.95**

NOW AT NEW LOW PRICES

Order Direct from BELL. Mail check, money order or pay C.O.D. Write for FREE Booklet "NA"

BELL WATCH COMPANY, INC.
Time and Life Bldg., Rockefeller Center, New York 20, N. Y.

Remove Metal Fouling with HOPPE'S No. 9

This reliable Solvent will remove tough lead and metal fouling as efficiently as it removes primer and powder soots —and it prevents rust too. At your dealer's or send us 10c for sample. For full facts on gun cleaning send for our FREE "Gun Cleaning Guide".

FRANK A. HOPPE, INC.
2321 No. 8th Street, Phila. 33, Pa.

M70 30-06 TARGET GRADE NEW, $168.45. Savage M23 sporter 32-20 excellent $59.50. M64 219 Zipper new $87.35. M12 Magnum 32" new, $94.50. M12-12 ga. excellent $74.50. Ammo. most calibers. Jeff. Trader, Pocomoke City, Maryland.

PRECISION MACHINED BRASS HAMMER for those particular fine jobs. 3½ oz. head firmly screwed on to nicely knurled steel handle. Satisfaction guaranteed, money order only. $1.25 postpaid. Gardner & Millspaugh Co., Knightstown, Indiana.

GET SET FOR THE OLYMPICS. ANSHULTZ model 1933 Free Pistol. Caliber .22 long rifle. Adjustable set trigger. Micrometer rear sight. Engraved action and carved grip. Excellent in and very good out. Very accurate even with regular ammo. $195.00. H. J. Jackiewicz, 263 Bloomfield Avenue, Bloomfield, New Jersey.

SCHICK SUPER ELECTRIC SHAVERS $13.00, Remington Foursome $14.00, new, latest models. S.A. Wentling, Palmyra, Penna.

SUPER GRADE 257. DOUBLE LEVER G&H mounts, Alaskan scope, checkered turned bolt, 20" barrel, factory job thru out, case, perfect, $255.00. Powder Horn, Bozeman, Montana.

VERY GOOD 8MM. MAUSER '98 SPORTERized, Redfield 70, hooded ramp, box new cartridges, $68.00. Satisfaction or no deal. Miller's Gun Shop, Kingwood Park, Poughkeepsie, N. Y.

SPEER BULLETS. 60, 87, 100, 120 gr. .257's. 100, 130 gr. .270's. 130, 145, 160 gr. 7mm. 170 gr. 8mm. Regular prices. Military Austrian Mannlicher excellent $45.00. A. J. Hackenberger, 7732 Arlington, St. Louis 19, Missouri.

SPRINGFIELD 30-06 DELUXE SPORTER, perfect $120.00; Mauser 30-06 sporter, perfect $120.00; Mauser 8mm remodeled sporter K2.5 scope, excellent $115.00; HR Trapper .22 pistol very good $15.00; Perfex magazine 8mm. F2.5, movie, new $85.00; Selmer Saeter, Galesville, Wisconsin.

WEAVER K2.5 SCOPE $27.00; K4 $32.00; K6 $34.50; each perfect, coated lenses, crosshairs, click adjustments; (Also have "Friction Lock" adjustment). Unertl 1½" target scope, 8x-12x, latest, coated lenses, with mounts, perfect condition, $65.00; Weaver J2.5 excellent, $16.50; J4 excellent, $20.50; Texan, perfect, $35.00; Edwards or Litschert target attachment, perfect, $18.00. For above "K" scopes, Standard attachment, excellent, $11.50. (Both coated). Want: Foreign rifle scopes; Unertl 2" target scope; Match Target Woodsman; H&R .410 ga. folding shotgun; Winchester .220 Swift; Jim Armstrong, 805 East Grove, Bloomington, Illinois.

23D HORNET REDFIELD JR. G4 SCOPE. 3 clips 150 cartridges, excellent plus $100.00. Hi-Standard HD 6-¾" v.g. $45.00. Custom 270 Mauser, Lyman Alaskan, G&H mount, Lyman 48, sling, pad inside perfect outside v.g. some blue wear, $250.00. Robert Lamb, Oakesdale, Washington.

RIFLE AND PISTOL PARTS. MAUSER, P.38, Carcano, Luger, 45 auto, Springfield, Enfield. Stamp for list. Lovell's, 1443 Berteau, Chicago, Illinois.

S&W 357 MAGNUM, 7", KING SIGHTS, 4 boxes cartridges, excellent, $140.00. No C.O.D. John C. Mathews, D.D.S., 513 Bell Building, Montgomery 4, Alabama.

GERMAN ZF4 SCOPE, VERY GOOD, $30.00. 2000 Ideal 176 gr. 8mm. bullets, $25.00 per 1000 or $3.00 per 100. Sterling Ebel, 509 So. Blvd, Norman, Oklahoma.

270 MAUSER JOHNSON BARREL, LYMAN rear ramp front, altered bolt scope safety. Sporter stock checkered, $135.00 perfect. 257 Mauser Johnson barrel K2.5 Litschert 6X altered bolt safety burl checkered stock, $180.00 perfect. 30-06 Remington Enfield sporter curley maple Mannlicher stock K2.5 $165.00 excellent. Examination privilege. F. W. Ulmer, 2384—16th St., Cuyahoga Falls, Ohio.

.38 O.M.T. H-B SHORT ACTION, "SABYAN" v.g. with four boxes wad cutters, perfect reloads, $80.00. 2 each new .38 O.M.T. H-B. $65.00 each. P.38 perfect, very accurate, 5" barrel, with 40 rounds ammunition, $50.00. Mauser 7.63 automatic, with leather holster, excellent "Legal", 5" barrel, $58.00. .22 conversion unit, excellent, $28.00. Tight grouping reloads .38 special wad cutters, 146 $3.00 per 100, your cases. .45 auto 200 semi-wadcutters for match shooting, $4.50 per 100. Bullets, sized, lubricated, 146 gr. .38 caliber wadcutters, $8.50 per 1000. .45 caliber semi- wadcutter or conical, $10.00 per 1000. 55 gr. 8-S .22 caliber gilders metal bullets, $2.75 per 100. Charles Schwartz, Member, 109 Lockwood Avenue, Woodbridge, New Jersey.

GAS CHECKS

Most every cal. and mould we know of
$1.75 per M. P.P. *Discounts to dealers.*

Midwestern Arms & Toolworks 1930 S. Racine Ave. Chicago 8, Ill.

PARKER DHE 12. ITHACA 10 MAGNUM Marlin 32-40. Colt .32 auto four Sharps Buffalo rifles Hensoldt 4 Dialytan Argus spotting scope, send stamp for particulars. N. L. Walstad, Milton, No. Dak.

J.P. SAUER & SOHN 9.3x62, MAUSER ACtion, Mannlicher stock, DST, half-octagonal barrel, very good, $100.00. P.38, matching numbers, very good $30.00. Howard Oligher, Hq. T.A.S., Supply, Ft. Knox, Kentucky.

CUSTOM LOADING BUSINESS BEING DISsolved. Selling all tools, dies, components etc. Write for inventory list. Stamp appreciated. Joseph Bugiada, 1353 East 15th St., Brooklyn 30, New York.

QUICK-WAY BULLET PULLER FOR PAcific, or Universal tools now made in two sizes. .22 to .27 caliber or .27 to .35 caliber either size complete $4.00 both sizes $6.00. Al Streich, 535 East 12th, Casper, Wyoming. 3-48

1947 K22, PERFECT, $65.00. COLT WOODSman, 6½", Berdonized, v.g., holster, $50.00. Colt Ace, excellent, $65.00. .38 Colt O.M.T., 4½" original, "A" engraving, Colt pearls, perfect, $90.00. 25-20 Winchester M53, good, $35.00. 25-20 Winchester M92, good, $25.00. 32-20 Winchester M92, good, $25.00. 35 Remington M8 auto. v.g, $75.00. 16 ga. Belgian Browning, 28" ribbed, Nydar, excellent, $110.00. 12 ga. Remington Sportsman, Cutts comp. v.g., $75.00. 6x30 Universal binoculars, excellent, $40.00. Stamp for list. Frank Poock, 54 Federal, Reading, Mass.

REMINGTON 11F PREMIER 12 AUTO, 30" F, VR, extra 26" VR barrel, Poly, excellent, $550.00; Winchester M12 Pigeon grade 12, 26", VR, Cutts, 6 tubes, extra 26" VR barrel, Poly, excellent, $450.00; Browning Pigeon grade IC&M O&U 12, VR, SST, pad, excellent, $375.00; Ithaca #4E 12 dbl. trap, 32" F&F, VR, SST, BT, excellent, $300.00; 34" Parker SC 12 trap, v.g, $225.00; Browning standard 12 trap, 30" F&F, rib, dbl. sel., excellent, $225.00; Winchester M12 skeet 12, 26", rib, Poly, v.g. $125.00. Winchester 75 target, sling, v.g. $50.00; new .257 Roberts custom, Mauser action, new barrel, custom stock—plain—sling, Weaver 330, Redfield mount, $150.00; Sedgley deluxe Mannlicher type Springfield sporter, sling, v.g. $185.00; Deluxe Springfield sporter by Jim Howe, Hart speedlock, sling, pad, excellent, coated Alaskan, Redfield mount, $300.00. Westley Richards 450/400, double, ejectors, v.g. $500.00; Abesser-Merkel three barrel, 12x12 x30-30; highly engraved, ejectors, v.g. $600.00. Ray Equipment Co., Rock Creek, Ohio.

.22 MAUSER SPORTER SINGLE SHOT, TARget peep sights, excellent; Veiss Marinem binoculars, 6x30, I.F., perfect; .22 Gustloff single shot rifle, excellent; 1918 8mm. military Mauser, excellent, outside needs bluing; 12 gauge I.C. Smith Eagle, excellent, outside needs bluing, Circassian stock. No dealers. Write for prices. Ed Morel, 31 Curtiss Place, Staten Island, New York.

UNERTL 2" 12X SCOPE $110.00. FECKER 1-⅛—10X scope $55.00. R. T. Roush, Angola, Indiana.

NEW 7x35 B&L BINOCULARS COATED $135.00. Money order please. Member. F.C. Skwisz, 111 Myrtle St., Indian Orchard, Mass.

K43, 8MM. REBLUED, RESTOCKED WALnut. Five shot brazed magazine, recoil pad, inside perfect outside very good; ZF-K43 scope, elevation only with brass mount, fair; 35 reloads, $65.00; Browning HP 9mm. 500 meter rear sight, excellent except for scratch on slide, $40.00; Winchester 75, Lyman 58E rear, perfect $48.00; Luger converted to single shot caliber .22. No front sight, no magazine, gun crank condition, poor $12.00. Permits for pistols, please. Money orders only. Matthew E. Highlands, 39 Pine Street, Orono, Maine.

.45 COLT AUTO, EXTRA BARREL, REblued with holster and 50 cartridges, $39.00. 9mm. Luger, 4" good, with 50 cartridges, $37.50. 9mm. 13 shot Belgian Browning good with 50 cartridges, $36.00. P.38, 9mm. Luger caliber v.g. with officers leather holster & 50 cartridges, $38.00. Electric melting pot & new Lyman .38 Special bullet sizer & lubricator $16.00. .38 Iver Johnson 5" nickel break apart, fair with 25 cartridges, $14.00. .32 S&W long caliber H&R 6 shot 4½" nickel, fair with 25 cartridges, $11.00. .32 S&W long caliber 6 shot 4¼" nickel swing out cylinder, very good, Belgian made like Smith & Wesson with 50 cartridges $22.00. 4 boxes .35 W.C.F. S.P. non-corrosive $15.00. Want .33 W.C.F. empties and S.P. bullets. Fred Kranz, Sauk Centre, Minnesota.

MAUSER ACTION DS TRIGGERS, V.G. $37.50. .45 auto Colt holster, shells, v.g. $30.00. Clayton Bracht, Oakesdale, Washington.

"If anyone had told me I could put a finish on a stock like that SUPERBA puts on, I would have said, "Nuts!" You have not sung it's praises high enough. Thanks again, Tom."
HOBART COX, Custom Gunsmith
See page 73 Wabash, Ind.

★★★★★★★★★★★★★★★★★★

EARLY AMERICAN

Gun Cabinet

Antique pine, hand-rubbed finish, authentic forged-iron hinges, lock-fitted doors

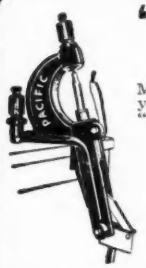
No need to keep your hunting pieces and souvenir weapons in a musty closet or dusty corner. This beautiful and practical gun cabinet, a piece of fine furniture, guards valuable weapons, yet displays them to best advantage. Superior workmanship and materials gives you the biggest value of any gun cabinet available at any price.

Holds 8 shot guns or rifles, 4 pistols. Drawers and lockers for gear, ammunition, etc. Height 72 inches; width, 42½ inches; depth, 14½ inches. Only $135.00 We pay shipping charges when check accompanies order!

Dealer inquiries invited

John L. Mauer & Company

2205 Pennington Road, RD 5, Trenton, New Jersey
Send order today for prompt delivery!



"PACIFIC" RELOADING TOOL

The Leader

More than 14,000 in use. You must have something good when you have that many satisfied customers. You too will be a "Pacific" booster as soon as you have loaded a hundred shells.

Super Reloading Tool **$35.75**
Standard Reloading Tool **28.75**
(Same dies and attachments are used on both tools)

"Pacific" Powder Scale **$8.50**
"Pacific" Powder Measure **$7.00**

PACIFIC GUN SIGHT CO.
353 Hayes St., San Francisco (2), California

PACIFIC GUN SIGHT CO.

ARMY AUCTION BARGAINS

Krag rear sight	$1.00 each
Shotgun nipples	.25 "
Cart. belt, double row, cal. 30	.60 "
Mauser Model '98 book	.45 "
Flint pistol barrel, 9" used	.75 "
Revolver holster, black, cal. 38	.45 "
Angular bayonets, 45/70	.90 "
Antique oil cup	.25 "
Enfield butt swivels	.40 "
10 assorted flints for	.95
Model Cannon 5½", no mount	1.50 each
Flint hammers, medium	.95 "
Sharps barrels, cal. 50, new	4.00 "
Hessian sword Bayonet, 26½"	1.00 "
Shell extractors, cal. 45, headless	.25 "
Globe sight covers, 45/70	.35 "
Gun slings, Civil War	.50 "
McKeever cart. box 45/70	.40 "
Main spring vise	1.00 "
British F L pocket pistol	38.00

PRICES DO NOT INCLUDE POSTAGE.
Articles shown in special circular for 3¢ stamp. 1945 catalog, 308 pages, over 2,000 illustrations of guns, pistols, sabers, helmets, medals, buttons, etc., mailed in U.S. for one dollar.

FRANCIS BANNERMAN SONS
501 Broadway New York 12, N. Y.

Now for EVERY WORK SHOP!

"NEW Invention" **Electroplates by BRUSH**

Easy to Plate CHROMIUM GOLD, SILVER, NICKEL, COPPER
. . . For Pleasure and Profit!

If you have a workshop—at home or in business—you need this new Warner Electroplater. At the stroke of an electrified brush, you can electroplate models and projects—you can replate worn articles, faucets, tools, fixtures, silverware, etc. with a durable, sparkling coat of metal . . . Gold, Silver, Chromium, Nickel, Copper or Cadmium. Method is easy, simple, quick. Everything furnished—equipment complete, ready for use. *By doing a bit of work for others, your machine can pay for itself within a week.* So make your shop complete by getting a Warner Electroplater right away. Send today for FREE SAMPLE and illustrated literature. ACT AT ONCE!

- MODEL MAKERS
- MAINTENANCE
- HOBBY SHOPS
- HOME SHOPS
- SALVAGE PARTS

WARNER ELECTRIC CO., DEPT. R-5
1512 Jarvis Avenue, Chicago 26, Ill.

FREE *Details & Sample!*

WARNER ELECTRIC CO., 1512 Jarvis Ave., Chicago 26, Dept. R-5
Gentlemen: Send Free Sample and Details to:
*Name*_____
*Address*_____
*City*_____ *Zone*____ *State*_____

MILL-ROSE **BRITE-BORE**

Specialized Gun-Cleaning Brushes and Rods—See them at your dealer!
The MILL-ROSE COMPANY, Dept. AR
1985 East 59th St. Cleveland 3, Ohio

Here's why we say it's the finest scope at the price...

$25

DEALER INQUIRIES INVITED

MORE BRILLIANCE-GREATER FIELD

If you want light gathering power and a larger field—check the diameter of the objective lens. The Saturn "Scout" objective is 44 mm.; 6 to 8 mm. larger than most scopes.

COATED PRECISION LENSES

Lenses are precision ground, *of highest quality optical glass,* fully corrected for spherical and chromatic aberration. They are equal in quality to those we make for our finest observatory instruments.

FINEST CONSTRUCTION

Wrinkle finished aluminum tube, chrome plated brass draw tube. Micrometer focusing. Weighs 23 ounces. Measures 2⅛" x 13" closed, 17" open.

Order from your dealer or from factory.

Guarantee: If you don't agree that it's the finest scope in its price class, return within 10 days and we'll refund your money.

SATURN

20X DRAW TUBE
"SCOUT" SPOTTING SCOPE
TINSLEY LABORATORIES
2528 GROVE ST BERKELEY, CALIF

A TOOLSHOP IN YOUR HAND

FIRST TOOL OF ITS KIND -- *TODAY'S FINEST*

Smooth steady power at your fingertips! HANDEE uses 500 different accessories, such as a special mounted grinder that fits inside large-size primer pockets to clean out the hard-caked residue, for routing gunstocks, grips or blanks, scoring, grooving or fluting, matting or mottling metal. AC or DC. 25,000 r.p.m. Wt. 12 oz. In steel case with 40 accessories, $27.50. HANDEE only with 7 accessories $20.50. At stores or sent postpaid. A fine gift for a friend or yourself. FREE 52-Page Manual. Chicago Wheel & Mfg. Co., 1109 Monroe St., Dept. AM, Chicago 7, Ill.

HANDEE TOOL OF 1001 USES

JORDAN

MULTIPLE RELOADING PRESS

MASTERS MACHINE WORKS

Brookville, Penna.

ALSO DISTRIBUTORS

KANT-KANT TARGETS

The Personalized Telescope Sight Target

PISTOL BELTS: Ideal for carrying canteens, knives, kits, etc. Made for U. S. Govt. Heavy water-repellent 2¼" web. $1 ea. Send order to OAKLAND MERCHANDISE MART 2711 Union St., Oakland, Calif.

$1. 6 for $5

AMMUNITION FOR SALE

25 Automatic	$ 40.00 per 1,000
32 Automatic	50.00 per 1,000
9 MM Luger	60.00 per 1,000
8 MM Soft Point 8 x 57	150.00 per 1,000

Send 15% Deposit With Order

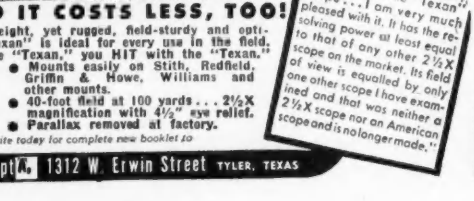
Immediate Shipment

PEERLESS MACHINE CO. 220 W. 42 St., N. Y. C.

WHEN AN OUNCE SEEMS LIKE A POUND YOU'LL WANT THE LIGHTWEIGHT

TEXAN

AND IT COSTS LESS, TOO!



Lighter in weight, yet rugged, field-sturdy and optically perfect, the "Texan" is ideal for every use in the field. You don't just shoot with the "Texan," you HIT with the "Texan."

- Instant windage and elevation adjustments! Simply use edge of weatherproof adjustment cover as screwdriver.
- Hard Coated Lenses give 30% more light transmission.
- Mounts easily on Stith, Redfield, Griffin & Howe, Williams and other mounts.
- 40-foot field at 100 yards . . . 2½X magnification with 4½" eye relief.
- Parallax removed at factory.

See the "Texan" at your dealer's, or write today for complete new booklet 10

COL. TOWNSEND WHELEN says "I have now had the opportunity to go quite thoroughly into and test the "Texan" Scope . . . I am very much pleased with it. It has the resolving power at least equal to that of any other 2½X scope on the market. Its field of view is equalled by only one other scope I have examined and that was neither a 2½X scope nor an American scope and is no longer made."

NORMAN-FORD COMPANY Dept. A 1312 W. Erwin Street TYLER, TEXAS

MODEL 19 SAVAGE .22 TARGET VERY good $45.00. Leo Biskup, 1956 Mt. Vernon Ave, Cedar Rapids, Iowa.

FOR RENT—.22 CALIBER 25, 30, 32, 38, 45-70 models & others 70 in all. H. Romness, Zumbrota, Minn.

32 M1 RIFLE CLIPS 50¢ each. Want Pacific reloading tool 30-06. Ervin Anderson, Heppner, Oregon.

JUST ARRIVED NEW SHIPMENT OF REMington and Speer bullets in all calibers and weights. Also complete selection of all DuPont powders. Powder Horn, Bozeman, Montana.

2½x2½ CANTON FLANNEL PATCHES 70¢ per M. Sling Tension Equalizer Co., Dayton 9, Ohio. R.R. #10.

98 MAUSER, v.g. HEAVY BUHMILLER barrel .220 Swift, bases only, $87.50. Lightweight 98 Mauser 30-06, v.g. 19" barrel, 12.5 scope, altered bolt, Q mounts $97.50. N.M. Springfield stock cut to sporter, good late # K2.5, heavy duro mounts, $97.50. Good commercial 7mm. Mauser, some engraving D.S. triggers, rear one missing, $77.50. Model 98,1941 $25.00. C. Fluckiger, Clayton, N. Y.

S&W .32 LONG, 4½", V.G., SHELLS AND holster $45.00. Want: 32-20 resizer and loading tool. 25-20 or 32-20. Remington carbine. Alden Goodell, Cohasset, Minnesota.

513T HEAVY BARREL REMINGTON .22 caliber rifle. Redfield sights, sling, extra stock v.g. plus out, excellent in, $60.00. Want Deer rifles and shells, 401 and 38-55 ammo. Lyle Miller, Rt. #2, Richland Center, Wisconsin.

DUPONT, HERCULES POWDER 4350, 4064, 4320, 3031, 4227, 4198, $1.70 1-lb. Hivel #2, 2400, $1.75, 1-lb. Unique, Bullseye, $1.85—14 oz. Pistol #6, 4759, Shotgun Bulk, MX, $1.05, 8-oz. Primers, bullets. Alvin Miller, Ellendale, North Dakota.

SELL or TRADE

COLLECTOR'S! AIRMAN'S WAR II FLACK vests, complete, soiled otherwise good condition. These used by 791st. Bomb. Sqdn. 8th. Airforce, now priced to collectors at $25.00 express FOB shipment. Trades considered. Member. J.C. Bogan, Dahlgren, Illinois. 2-48.

.22-BSA. MICROMETER REAR, EXCELLENT inside, v.g. out H.B. $75.00. .22 Colt Ace target honed action excellent except slight holster wear $70.00. Want .45 N.M., Argus, K22, Frontier, C.O. Emery, 516 W. Brady St., Butler, Penna.

VERY GOOD, REMINGTON 230 MAGNUM thunderbolt, velocity 3500 Pac. dies, auxiliary, 100 cartridges, 500-90 gr. bullets, Winchester 230 bbl. $170.00. Want Hensoldt 10x56 binoculars. Paul Tippman, 1230 W. O'Farrell, San Pedro, Calif.

PERFECT HI-STANDARD .22 HDM 4½", holster $50.00. Want lighter Woodsman or K.22. J.D. Carter, Spencer, No. Car.

2R LOVELL ON WINCHESTER LOW-WALL Sedgley barrel, scope blocks, perfect in and out, 50 cartridges $75.00, or will trade for issue Mauser or Enfield and cash. McQuiston Stanley, Meadville, Penna.

REVERE MOVIE CAMERAS MODELS 70 $127.50. Model 99 $110.00. Model 88 $77.50. Projector model 85 $120.00. Federal enlargers model 312 $53.00. Model 315 $89.50. Model 450 $112.50. Above all new. Will trade for shotguns, rifles, binoculars. Leica CIII F2 Summitar $325.00. Contax II F2 Sonnar $225.00. Lytle's Sporting Goods, 103 West Main, Enid, Oklahoma.

REMINGTON 141, 35, SLING, PAD, REDfield 70, oil finish stock, excellent to perfect $95.00. Want deluxe M71 Winchester .348. 1" Unertl 6 and 8X. ¾". Dot excellent to perfect $44.00. Want 2½, 3 or 4X hunting scope, prefer German or any good American. Will pay difference if top quality. Late Philco Portable radio with batteries. Cost $59.00. Sell $32.00 excellent. 8mm. barrell v.g. $1.25. John W. Waggoner, Thompsontown, Penna.

COLTS TROMBONE 44-40 FAIR $30.00, COLTS 12 ga. double hammerless, fair $12.50, Winchester M92, action, poor, $12.50. Winchester carbine, .30-30, near new, $55.00. Grumman aluminum canoes, all sizes, prices on request. guns taken in trade. E. Griffin, Deerland, New York.

COMPLETE TELESCOPE SERVICE

Any type reticule installed: bluing, coating, enamelling, repairing. Mounts furnished and installed.

Robert S. Thomas
PO Box 81 Silver Spring, Md.

KRAG 2R LOVELL, HEAVY BUHMILLER barrell, short action, Bishop stock, v,g, $50.00. Sauer Mauser 220 Swift, 26" barrel, fancy target stock by L.E. Straub, blocks only, perfect $150.00. Remington Hepburn 2R Lovell Johnson relined barrel, restocked, excellent in and out $60.00. Waffenfabrik Mauser heavy 22LR, single shot sporter, v.g. $50.00. Eureka Sportsman, target grips, v.g. $50.00. Sportsman 999, .22 LR, w/holster, excellent $40.00. S&W M&P, .38 Special, excellent $45.00. Colt .45 auto. v.g. $45.00. MSW 4x81 scope, Lee Dot, excellent $60.00. Another good $40.00. Hensoldt Dialytan 4X, excellent $75.00. Lyman Targetspot, 10X, v.g. $50.00. Weaver K2.5, coated, excellent $30.00. G88, 2½x, new $40.00. B&L, 7x50, coated, w/case, $100.00. Sard 7x50, w/case, excellent $75.00. Leitz 10x50, coated, w/case, perfect $185.00. Zeiss 6x30, featherweight, new $100.00. B&L NRA spotting scope, excellent $55.00. Winchester 71-348, Weaver K4, as new. $150.00. Ithaca 37-12, 28M original box $75.00. Write what you have to sell or trade, guns, cameras, scopes, etc. Bob Lockard, 1511 Louisa St., Williamsport, Penna.

52 H.B. VAVER SIGHTS. EXCELLENT. $95.00. K22 Masterpiece, perfect. $65.00. Want M2 Springfield new or perfect. M70 Hornet or K. O. Read. 220 Kedzie St., Evanston, Illinois.

B.S.A. MARTINI, JOHNSON BARREL, REDfield Olympics, inside excellent. Want M70, or rifle actions. Frank Foster, Box 983, Clovis, New Mexico.

30-06 SPRINGFIELD SPORTER, CROTCH figure stock, Lyman 48, front ramp, G&H mount, coated Alaskan scope. Test fired only, $295.00. Have following new guns, 45 Gov't auto, Winchester 42 full, Winchester 64 32 Special, Savage 99EG 300, Winchester model 12 12 gauge full. Want high grade automatic shotgun, Browning overunder. Harold Loomis, Richville, N. Y.

REGISTERED BASSETS $40.00 UP. TRADE pair for good spot or target shooting scope. C. Lewis, Orcas, Washington.

WINCHESTER MODEL 70 CALIBER 30-06, sling, Lyman 48, excellent $125.00. Marlin 39A, perfect $47.00. Wanted to buy over and under 12 ga. ventilated rib trap gun. Guns Inc., 517—16th Street, Racine, Wisconsin

REGISTERED GOLDEN RETRIEVER PUPpies $75.00 and up, or will trade for sporting goods of like value, John H. Pagel, 304 Eighth Street, Watertown, Wisconsin.

32 W-AUTO-LD-GOOD OUT, $45.00. WANT 7x35—7x50. One mag Mauser action. Clem Cunningham, 112 Valencia St., San Francisco, Calif.

PERFECT 9MM. LUGER, HOLSTER, $40.00, perfect Mossberg M44 $22.50; new Speed Graphic 2¼x3¼ $200.00; new Kodak Medalist II, $240.00; new Filmo double run 8mm. $97.50; what have you? Summers, 617 North St., Cape Girardeau, Missouri.

EXCELLENT UNERTL 1¼", 14X, $65.00. EXcellent 344 Weaver, $10.00. Good Winchester 32-40, S.S.T., $40.00. Want 30-06 rifle and .220 tool. C. Nieset, Millersville, Ohio.

SIX NEAR NEW DUCK BOATS $300.00, OR trade for Remington 32-T.C. or other trap guns of equal value. E.C. Clark, Montour, Iowa.

REMINGTON 121 G4 SCOPE MARLIN 39A Colt .45-22 conversion, all new. 52 heavy barrel. 35mm. Retina with range finder & case, excellent. Want 70—220 Swift or Mauser Commercial. O. Hirs, 622—9th Avenue, Prospect Park, Penna.

COLT .38 SPECIAL SAA, 7½", EXCELLENT $85.00. Want same .45 Colt 5½". H. D. Newton, Haddonfield, New Jersey.

15 NEW STILL & MOVIE CAMERAS TO trade for good firearms any type. Farmers & Traders Exchange, Chittenango, New York. 3-48.

.30 REMINGTON M81 WOODMASTER. NEW. $120.00. Al Green, Box 1491, Louisville, Kentucky.

.22 CALIBER MAUSER 98. CONVERSION unit $50.00. .38 A.C.P. 6" $40.00. Echo for K2.5 on Enfield $17.50. Winchester M1892 .357 S&W caliber 18¾" ramp. Pacific tang, by Ackley $77.50. Litschert 8X, for Alaskan, $30.00. All v.g. to new. Want N. M. and D.C.M. sporter, or what? L. E. Norman, 4914—40th Place, Hyattsville, Maryland.

"LET US KNOW YOUR NEED IN FIREARMS"

New Hi-Stan. H-D Military 22 Cal. Pistol. 6¾ or 4½-inch. Heavy Barrel, Walnut Grips (Extra Clip $1.50)	$51.17
With Thumb Rest Grips	56.17
New Hi-Standard M-G. Cal. 380 Auto. Pistol	55.00
New Colt's 38 Super Automatic Pistol	65.00
New I J Supershot Sealed Eight 22 Rev.	34.25
New Marlin M.39A 22 Cal. Rifle	50.45
New Remington M.513 Target Rifle	53.50
New Remington M.521T. Junior Target	34.95
New Winchester M.75 Target Rifle	53.50
New Stevens M.416-2 Target Rifle	53.20

ADRIEN J. GRENIER, North Grosvenordale, Conn.

BUEHLER

MOUNTS AND SAFETYS

Mounts to Fit 1" 7/8" 3/4" Scopes on

MAUSER	POST-WAR M-70
SPRINGIELD	PRE-WAR M-70
WIN. M-54	REM. 14 & 141
REMODL'D ENIELD	M-99 SAVAGE

Complete Mounts with 5/16" or 3/8" blank bases for custom building to any rifle.

Send for Free Folders Postpaid **$15**

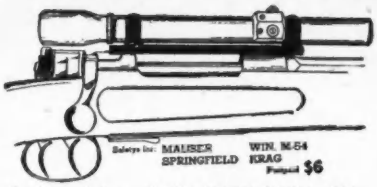
BOLTS ALTERED $7.50

Buehler Mounts have long, low, rigid base, positive zero. Extra-wide clamping rings are micro-lined with oil-resistant synthetic rubber . . . grip firmly without crushing scope. Lots of eye relief. Windage adjustment. No projections to catch on scabbard or brush. Beautifully finished steel, blued to match finest rifle.

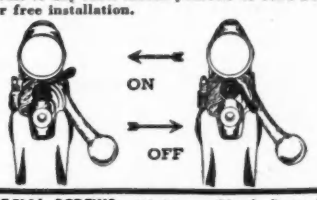
If your Dealer cannot supply, order direct and send Dealer's name.

GUNSMITHS! DEALERS!
Write for attractive proposition!

MAYNARD P. BUEHLER
697 Vernon Street Oakland 10, California
Distributed in Canada by Western Scope Service, Calgary, Alberta



Buehler Safetys LOCK BOTH BOLT AND STRIKER, are safer, faster, more convenient. Fit readily under largest scope in lowest mount. Operate through arc of 70 degrees, positive stop in ON and OFF position. Machined from high-quality steel, beautifully finished and blued, a credit to any rifle. Install yourself or send bolt for free installation.



SPECIAL SCREWS—All Screws Blued. Postpaid
MAUSER Trig. Gd. Screws, includes locks. Set $1.50
UNIVERSAL ENFIELD Trig. Gd. Screw 1¾" long, 1⅜" of threads. Ea. 50c. 10 for $2.50
6x48 Fil. Hh. hardened and blued assorted lengths, ⅛", ¼", 5/16", ½", per 100 $2.75

Beautiful

WALNUT GUNSTOCK BLANKS IN ROUGH

32" x 5¼" x 2⅛" overall measurement
$5.90 each
F.O.B. Chicago

Will ship parcel post C.O.D.

AMERICAN WOOD WORKING CO.
1658 N. LOWELL AVENUE
CHICAGO 39, ILLINOIS

BOUND VOLUMES

AMERICAN RIFLEMAN FOR 1947

In black buckram, with title and year stamped in gold. Also a few bound volumes for 1945 and '46. **$5.00** per vol. ppd.

N. R. A. 1600 Rhode Island Ave., Wash. 6, D. C.

PEARSON BULLETS

IMMEDIATE DELIVERY
TRY THEM OUT

22 cal. $2.80 per 100—25 cal. $3.75 per 100—270 cal. $4.00 per 100—30 cal. $4.00 per 100—8mm $4.00 per 100—
Send for COMPLETE List and prices.

PEARSON'S GUN SHOP
4180 College Ave., Indianapolis, Ind.

Personalize Your Gun

Patent Pending

with this
INDIVIDUALIZED Recoil Absorber

NOW your gun can be *personalized* for quick, easy identification with your own name clearly imprinted on both sides of this top-quality, *individually manufactured RECOIL ABSORBER*. Improved cushioning construction is completely sealed to prevent water, mud, sun or outside air from entering to deteriorate the rubber or lessen its resiliency.

When ordering state make, model, gauge or caliber. Print name clearly (not more than 13 letters). Available in green, light or dark brown.

Send check or money order **$5.50** postpaid

INDIVIDUAL RECOIL PAD CO.
P.O. Box 2004 Sacramento, California

REBARRELING *and* CHAMBERING

ANY SUITABLE ACTION—MOST CALIBERS

WM. S. VAN HORNE
Life Member N.R.A.
5474 Philloret Drive Cincinnati 24, Ohio

WARNING!

KING COCKEYED HAMMERS

. . . Made only by King Gunsight Co. . . . are protected under Pat. No. 2159527—Trademark No. 353691—covering left, right or both side Cockeyed Hammers. Accept No Substitutes.

The **King Cockeyed Hammer** with "Never Slip" checking, greatly increases speed in cocking revolvers. Eliminates rolling of gun . . . thumb falls naturally across hammer to cock . . . invaluable in timed and rapid fire . . . can be cocked without loosening grip or pulling sights off target . . . gives more sighting time.

KING GUN SIGHT COMPANY
667 HOWARD ST., SAN FRANCISCO 5, CALIF.

Remodel your hammer with right or left hand spur or both sides (present trigger pull not affected).

Send hammer only with remittance $7.50
For Colt single action..... 9.50

Ask for illustrated folder KC 2 for other King handgun shooting aids

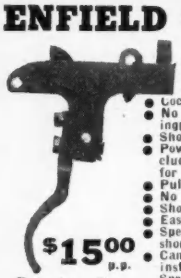
COVER 'EM ALL THE WAY!

REDFIELD
RECEIVER SIGHTS
ON
REMINGTON
SPORTING RIFLES

The finest sporting type receiver sight made today. Combines simplicity of design, rugged construction, and accuracy of the highest degree. Adjustments for both windage and elevation are extremely accurate and uniform with absolutely no backlash or lost motion. There's a REDFIELD SIGHT for most Remington models, as well as for most other standard rifles. Get more accuracy from your own rifle...See your dealer or write for free REDFIELD FOLDER today.

REDFIELD GUNSIGHT COMPANY
3313 GILPIN ST., DENVER, COLORADO

ENFIELD OWNERS



Here is the **SPEEDLOCK TRIGGER** you have been looking for

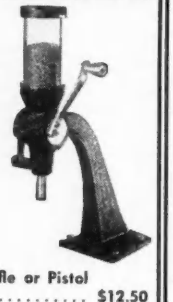
- Locks on opening.
- No alteration of bolt or cocking piece whatsoever.
- Short striker travel.
- Powerful main spring included. Full sear engagement for safety.
- Pull adjustable 3 to 6 lbs.
- No back slap or creep.
- Short crisp pull.
- Easily installed yourself.
- Specify whether standard or shortened magazine.
- Can furnish instructions for installing this trigger on Springfield to give speed lock.

$15.00 p.p.
Pat. App. For

Also trigger mechanisms to give short crisp trigger pull on Mauser 98, Springfield and Enfield. Replaces military trigger with no changes.
All operating parts hardened for long service and smooth action.

DAYTON-TRAISTER CO.
34 SE 66th Ave. Portland 16, Ore.
Dealers and gunsmiths write for discounts.

SAECO
TRU-SPEED PRECISION POWDER MEASURE



Adjustable Measure, Rifle or Pistol Model	$12.50
Extra Adjustable Drum, Rifle or Pistol Size	4.00
Bench Stand (as shown)	3.25

Dealer Inquiries Invited

SANTA ANITA ENGINEERING CO.
2435 E. Colorado St., Pasadena 8, Calif.

SOLID STEEL BAND RAMPS

Graceful—Racy Lines

A complement to the finest rifle. Matted ramp; beautifully finished and blued; slot will take Redfield blades. .600 to .650 diameters. ½" or 9/16" high. **Ramp with hood $6.50. With 1/16" gold bead $8.25. Beads 3/16" or ¼" high.**

Discount to Gunsmiths

C. A. DAHL
5231 N. Winthrop Ave., Chicago 40, Ill.

Amazing Invention
Banishes Dirty Eye Glasses

Just out! The amazing 27 Second Cleaner which cleans, polishes eye glasses in seconds. Prevents greasing, steaming. Smudgy finger marks disappear "as if by magic." Full year's supply, packed in modern plastic compact sent C.O.D. for only 59¢ plus charges. Special money saving offer brings 2 for $1.00. Postage prepaid if remittance is sent with order. Satisfaction guaranteed. Agents wanted. Rush order to 27 Second Cleaner Co., Dept. 376-B, 6337 N. Talman Ave., Chicago 45, Ill.

RIFLE BARREL BLANKS
Made from Chrome Moly steel, 1¼" dia., 27" to 28" long. Brinell hardness—270 to 300. Double Drawn for stress relief,—not lapped.
Unturned $17.50 Preturned $20.00

CASCADE SHOOTER'S SUPPLY
George Tonn Route No. 1 Hood River, Oregon

CUSTOM STOCKING
Military conversions. Am tooled up for most sporting calibers. Beautiful Bluing a specialty. Light weight sporting rifles. Fine walnut stocks.

W. L. GARTMAN
12 Richfield Ave. Cranston 10, R. I.

TRADE

NEW, UNPULLED .30 M1 BOATTAIL BULlets. Will trade for clean empty 30-06 cases. J. W. McPhillips, 285 Mastick Avenue, San Bruno, Calif. tf.

VERY GOOD LUGER 9MM. HOLSTER. BOX shells for issue Mauser, 42 and earlier and $20.00. Other guns considered. McQuiston-Stanley, Meadville, Penna.

MODEL 95-405 WINCHESTER, SOLID FRAME, inside perfect, outside very good. Two boxes shells, 300 grain soft point, leather case. Will trade for model 81A Remington 300-30-32 or 35 caliber or M141 model Remington 30-32 or 35 that is in good condition. Lansing M. Lewis, Bloomsdale, Missouri.

SET OF 18 KEYSTONE EXPANSION REAMers from ¼ to 1½". New in oak case. Want German engraved double; give description. C. F. Grim, Kirksville, Missouri.

30-06 BUHMILLER BARREL MAUSER ACtion sporter stock K-25 scope perfect. Trade for photo equipment. Horton, 115 No. Main, Santa Ana, Calif.

SAUER 16X16: 8X57JR. EXCELLENT. WANT scopes Zeiss 4 or 6X, Ajack 4x90, 7mm. Mauser or Zeiss glasses must be excellent. Kenneth Duebendorfer, Centerville, So. Dak.

REMINGTON 11A 12 GA. MATTED RIB, POLY Choke, Myrtle wood stock and forearm, adjustable recoil pad, very good. For late M99 .300 with scope. J. B. Black, 522 Grand Avenue, Dayton, Ohio.

MANURHIN MICROMETERS 0-25, 25-50, 50-75, 75-100 millimeters, 3 J blocks, velvet lined case. Also Zeiss micrometer 0-25 millimeters, 20° with built-in over and under gauge. All new condition. Want good quality binoculars. Glenn A. Lauffer, 232 Harrison St., Syracuse, N. Y.

CONTAX, BLACK CASE, F1.5 SONNAR, 135-mm. 4.5 Sonnar telephoto. Viewer & case. Value $300.00. Will trade for trap grade gun of similar value. Request privilege of examination. Dale A. Smith, Box 306, Willis, Kansas

NEW K2.5 WEAVER FOR ISSUE 98 MAUSER, 42 or earlier and $12.50. Other guns considered, we have other scopes. Write what you have and what you want. McQuiston-Stanley, Meadville, Penna.

WILL TRADE EXCELLENT 1917 ENFIELD as issued for .22 caliber target rifle or 12 gauge shotgun with privilege of examination for complete satisfaction. Let me know what you have. L. M. Smith, P. O. Box 160, Casper, Wyoming.

WILL TRADE NEW OUTBOARD MOTORS. for commercial Manser rifles, no military guns. H. Dale Weeks, Belle Fourche, So. Dak.

NEW PACIFIC SUPER RELOADING TOOLS for Enfields with very good bores, headspace not over 1.946. Generous trade allowance on other guns. W. Joseph O'Connor, Baker, Oregon.

HAVE ENFIELD AND SPRINGFIELD (UNserviceable) in arsenal grease. Want excellent hi-side, prefer DST. F.W. Engle, 108 E. Washington, Indianapolis 4, Indiana.

WILL TRADE EXCELLENT 8MM. K43 SEMIauto rifle; for excellent Colt New Service .357, 5" or 6" barrel and square butt. J. C. Wilke, Rt. #3, Medford, Wisconsin.

TRADE NEW SPRINGFIELD SPORTER 30-06 ser. #1470824. Johnson barrel ramp gold bead front, Lyman 48 rear. Detachable sling, whiteline pad, Birdseye maple stock brass inlay. For new Savage M99 250-3000. Solid frame. Bud Eason. Scranton, Iowa.

NEW 6 H. P. NEPTUNE OUTBOARD MOTOR. Want perfect Winchester 52. Ivan O. Humbert. R.R.#7, Muncie, Indiana.

MAIL 6 DISLIKED GIFT NECKTIES AND dollar bill to swap for 6 you'll like. State preference. TyTraders Fond du Lac, Wisconsin.

LONG BARREL .22 SINGLE SHOT PISTOL or .22, .410 combination pistol. Cash or trade good Springfield action. Reply Air Mail. W. T. Miller, College, Alaska.

GENUINE **THUMB REST GRIPS** WALNUT
Presently made only for
HI-STANDARD Models A, D and E
Stamped envelope for illustrated information
JOHN B. BLAKE PARK RIDGE, N. J.

10X50 DIENSTGLAS, EXCELLENT IN, V.G. out, $50.00 and 6x30 binoculars. Williams, 413—6th, Helena, Montana.

WILL TRADE NEW UNUSED $45.00 HURD Rod and Reel for excellent issue Mauser prior to 1942 and $10.00. H. Dale Weeks, Belle Fourche, So. Dak.

FOX DOUBLE 12X26" "STERLINGWORTH grade", excellent. Leather case. Want B&L 65-mm. Busch 10x80 tank binoculars. Jim Edwards, New Hartford, Connecticut.

SPRINGFIELD SERVICE 1903-A3 GOOD, FOR Remington 12 ga. Automatic safety ahead trigger good. Trade Winchester 52 Bull, Vaver sight, very accurate, excellent, for Remington or Browning O&U 12 ga. or Winchester 52 sporter, excellent. I. E. Martin, P. O. Box 626, Hearne, Texas.

BOUGHT—SOLD—EXCHANGED—REVOLVERS, rifles, shotguns, cameras, scopes, binoculars, microscopes, typewriters, watches, machine tools. Dean's, 42-AA Riverdale Avenue, Yonkers, N. Y. 4-48.

NEW SCOPES—LYMAN, FECKER, UNERTL, Weaver—for good used guns. Describe fully. Wahl, Bogota, N. J.

HI-WALL HORNET W/330 WEAVER FOR N. M. Springfield; 6½" .357 S&W on M70 heavy barrel Swift, 7mm or other caliber. Wing, 2545 Wantland, Klamath Falls, Oregon.

NEW SCOPES FOR ENFIELDS WITH VERY good bores, headspace not over 1.946. Even for Weaver K2.5; rifle and $10.00 for Weaver K4 or K6; rifle and $20.00 for Lyman Alaskan. Generous trade allowance on other guns. W. Joseph O'Connor, Baker, Oregon.

IF THERE IS SOME ARTICLE OF SPORTING equipment you need and you have an excellent gun to trade. Write me. H. Dale Weeks, Belle Fourche, So. Dak.

WANTED

OLD, OBSOLETE OR ANTIQUE PISTOLS and revolvers in working condition. H. A. Brand, 1008 Ingalls Bldg., Cincinnati 2, Ohio. 4-48

ANTIQUE PISTOLS, SINGLE PIECES OR entire collections. Wm. M. Locke, 3607 Ault Park Road, Cincinnati 8, Ohio. 11-48.

RARE PISTOL COLLECTIONS. CASH. DEscribe, price. Life Member. Miller Bedford, New London, Ohio. tf.

PARTS TO SERVICE FOREIGN PISTOLS and rifles need Mauser rifles or actions. Western Gun Exchange, Whittier, Calif. 5-48.

WANTED FOR CASH, PRISM BINOCULARS, field glasses and rifle telescopes. Ship for inspection. Highest cash price will be quoted by return mail. Sportsmen's Supplies, 250 WestBayberry Lane, Upper Darby, Penna.

MODEL 70 ANY CALIBER OR MODEL: Trade 7x50 binoculars on same. Gleason Taylor, Coshocton, Ohio.

.45 LUGER; 45 WALTHER H.P.; .45 OR .360 Mars; Want any other rare or unusual automatic pistols. Sid Aberman, 5650 Marlboro Road, Pittsburgh 17, Penna. 2-48.

MILLER BEDFORD, NEW LONDON, OHIO wants double rifles, overunders, trap guns, superb guns. Price first letter. tf.

.25 CAL. AND .32 CAL. AUTOMATICS. Also Bulldogs and Topbreaks. Write to: Wineholt Company, Box 23, Woodbine, Penna. 2-48.

8" BARREL & RECEIVER FOR 9MM. LUGER, also .54 Sharps mould. Send description and price to W. C. Brown, 569 No. Wilcox, Los Angeles, Calif.

COLT AND REMINGTON PERCUSSION REvolvers poor to fine shape. Robert Abels, 860 Lexington Avenue, New York 21. 4-48.

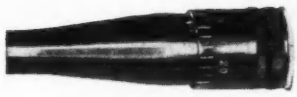
FIRED ONCE .30-06 CASES. MUST BE clean. State year and price. Paul Ratliff, Hillyard, Wash. 2-48.

ACTION FOR MODEL 70 WINCHESTER 270 or 30-06. Condition barrel or stock immaterial. Give condition and price. R. Robt. Russell, 720 So. 9th St., Las Vegas, Nevada.

Collectors or Shooters
When you wish to buy, sell or trade antique firearms you'll receive courteous attention to your needs from
JAMES E. SERVEN · Santa Ana, Calif.

NEW INSTALL-IT-YOURSELF "VARMINT MASTER" and "TARGETEER" HUNTING SCOPE ATTACHMENTS 6X and 8X

"VARMINT MASTER"



"TARGETEER"

1. Threading of scope tube not necessary for installation of new "VARMINT MASTER" attachment.
2. Complete instructions for installation of each attachment.
3. 1¼" Objective.
4. Coated Lenses.
5. Improved focusing adjustment.
6. Perfect alignment of attachment on scope.

PRICES for the new Install-It-Yourself "VARMINT MASTER" are as follows:

New Weaver J 2.5	$17.50
29S, 330, and 440 Weavers	17.50
K-2.5 and K-4 Weavers	18.50
Alaskan Scopes	20.00
Texan Scope	20.00
G-88 Scope	20.00

Price for "TARGETEER" attachments for all the above scopes $25.00.

WRITE FOR NEW LITERATURE ON ALL THE ABOVE ATTACHMENTS

DEALERS—Write for quantity Purchase discounts.

R. A. LITSCHERT
WINCHESTER
INDIANA

MEEPOS SPEEDLUBE FULLY GUARANTEED

BULLET SIZING AND LUBRICATING

Put bullets in top, pull lever, bullets drop out at bottom. With your order include bullet make and number or sample bullet if possible. Die set included $18.50
Extra Dies $3.50. Bullet Punch 75 cents.
F.O.B. LOS ANGELES

MEEPOS RELOADER

Sizes, decapps, recapps and expands cases with one stroke of the lever. Improved model, fully guaranteed. Complete F.O.B. Los Angeles. For one caliber $30

Send for Free Circulars

THE MEEPOS MACHINE SHOP
135 NORTH WESTERN AVE. • LOS ANGELES 4

C. R. PEDERSEN & SON
Ludington, Michigan

CUSTOM BARRELING

USING .220, 22-250, Elliott BARRELS 257,270,30-06

MAUSER We install new 30-06 barrel, alter magazine, mount front ramp, tap receiver, reblue. $32.50.

ENFIELD We cut and crown barrel mount ramp; straighten guard; mill ears; tap receiver; reblue. $25.00.
ENFIELD SPEED ACTION—cocks on opening, heavy mainspring, short fall, improved safety operation, single stage trigger, $12.50.

SPRINGFIELD We mount ramp; tap receiver; check headspace; polish and blue $15.00

STOCKS CUSTOM FITTED AND FINISHED FOR ABOVE RIFLES $34.50 UP.

Write for complete price list. Actions accepted.

FIRST CLASS

SHOPS ALL OVER THE U.S. ARE NOW USING THE VICKERMAN ACTION WRENCH AND BARREL VISE

Vickerman Action Wrench.....$19.50
Fits all actions, bolt, lever, or slide. Will remove action from tightest bbl.

Vickerman Barrel Vice & 4 Sleeves.....$18.50
Sleeves fit all* hi-powered factory & military bbls. Holds without marring.
*M70 & 54 require special sleeve.

Deliveries Approximately 10 Days

Gunsmith **W. S. VICKERMAN** Life Member
208 So. Ruby St. Ellensburg, Wash.

SMALLBORE RIFLE SHOOTERS
A NEW STOCK!

We have just completed designs for a new stock for smallbore shooting. Departing from "standards" and entering the field of development on points of comfort, reduction of fatigue, ease of holding. These stocks will be furnished either finished and polished, as well as shaped and machine inletted for your local stockmaker to finish up. Walnut, Myrtle, Maple and Mesquite. Write for Circular. SMALLBORE SHOOTING EQUIPMENT.

WISLER WESTERN ARMS, Inc.
(Formerly Wisler Western Targets)
63 2nd St. San Francisco 5

GUNS W&S GUNS GUNS GUNS
Division of
Farmers & Traders Exchange
Chittenango, N. Y.

CUSTOM DESIGN and ALTERATIONS of modern arms.
Also period restoration of antique arms.
W&S GUNS

A SLICKER FOR ALL PETS
DOGS, CATS, RABBITS $1 ppd.

A flexible brush, spring steel bristles penetrate coat of a long- or short-haired dog. The rows of teeth are staggered so that when drawn over, the dead hair, dirt, and parasites are removed. Used a minute a day keeps vermin away. Sanitary non-rust metal back 4¼" x 2". Ebonized wood handle. Can be used as a combination Brush and Comb $1 Ppd. Send for FREE Catalog.
WARNER PRODUCTS CO., Dept. R Baldwinsville, N. Y.

FAMOUS STANLEY LIFETIME

Super-Vac Bottle

Will not break! A $7.95 value... brand new Navy surplus. One quart size stainless steel liner. Handsome black finish ... chrome screw cap.

$5.69

POSTPAID

New U. S. Army Flying GLOVE

Genuine Chocolate Brown Imported Goatskin 100% wool heavy weight jersey lining . . . reinforced seams, elastic gauntlet at wrists . . . flanged gauntlet fits well up on the wrist. Overall length 12½ inches. Sizes: Small, medium, large.

$10 Value SPECIAL

$3.69

POSTPAID

FREE CATALOG USE THIS COUPON ... for MAX COOK'S **Big 1948 Catalog** IT'S *FREE!*

Full of bargains . . . for fishing . . . hunting and all other types of sports.

MAX COOK SPORTING GOODS COMPANY
1608 Glenarm Street Dept. AR
Denver 2, Colorado
Please send me your new 1948 Catalog when ready. . .

NAME_____
ADDRESS_____
CITY_____ STATE_____

MAX COOK
SPORTING GOODS COMPANY
1608 GLENARM DENVER 2, COLORADO

TILDEN SUPERIOR MOUNTS

—Are very low, light, strong, heat-treated and expertly finished. Quickly dismounted, positive re-zero, for many hunting scopes, including German. Mounts installed, bolts altered, Enfields remodeled. M/70 Ideal Side Lever and Mauser Scope Safties. Eads Sprfld. Safety.

TILDEN MFG. CO., 2750 N. Speer Blvd., Denver, Colo.

GUNS FOR THE SPORTSMAN

NEW GUNS

Colt 38 Police Positive, 5 inch	$53.50
Colt Super 38 Automatic	65.00
Colt 45 Automatic Model 1911	65.00
Smith & Wesson, Mil. & Police, 38 Spcl. 2, 4, & 5"	56.50
High Standard HD Military, 22 Cal. Target Pistol	51.50

***USED GUNS, AUTO. PISTOLS**

P.38 Automatic	$35.00
32 Cal. Walther, pocket model	35.00
32 Cal. Mauser, pocket model	35.00
9MM Luger Automatic, 4"	35.00
9MM Browning Automatic, 13 shot	35.00
9MM and 763 Mauser Military Automatics	50.00
9MM Military Radom Automatic Pistol	25.00

* All in Excellent Condition

Send 25¢ for new catalog—catalog with Gun Digest $1.25

PUBLIC SPORT SHOPS
11 S. 16th St., Phila. 2, Pa. No COD's

TEAM CAPTAINS
TELESCOPE

For spotting bullet holes at longer distances and with greater ease than ordinary spotting scopes. The optics are carefully checked for extreme resolving power and are guaranteed to show detail not possible with smaller scopes. Tripod is 5 feet high with cast aluminum head and hardwood legs. Price complete with 45X eyepiece $128.50. 110X astronomical eyepiece for observing the wonders of the heavens — $6.50. Achromatic 4X finder telescope mounted on main tube $9.75

Actual photograph

Highest quality 2½" dia. achromatic lenses fluoride hard-coated for maximum brilliance. Duraluminum tubing finished in black alumilite and chromium plate. A knurled knob at the eyepiece provides easy yet accurate spiral-thread focussing.

Length of telescope 3 ft. Weight with tripod 11 lbs.

OTHER SPOTTING SCOPES

Mark 218 22X	$22.50
Saturn 20X	25.00
Argus prismatic 20X	74.50

All telescopes with coated lenses

We pay the shipping charges on all instruments. Immediate delivery

BROWNSCOPE CO. Dept. 2A, 24 W. 45th St. New York 19, N. Y.
TELESCOPES BINOCULARS MICROSCOPES

GOOD NEWS FOR ALL SHOOTERS

Entirely different protective; fortified with a polar alkaline detergent, keeps rust off guns indefinitely. A gun treated with RIG Universal in 1936 and lost for 10 years was found recently without a spot of rust. RIG is recommended and used by firearms experts and gun authorities for daily use and storage to protect guns from moisture and salt sea air. Gun dealers have RIG in 25c tubes, ¼ lb. cans 50c, 1 lb. cans $1.50 or write Rig Products Co., Oregon 2, Ill., for FREE "Gun Care Guide."

DEALERS TO HANDLE OUR LINE OF scopes, mounts and shooter's accessories. Gopher Shooter's Supply, Faribault, Minnesota. tf.

SINGLE ACTION ARMYS, BISLEYS, GOOD to poor, also 1890 Remington revolver. Ed. Brooks, Rt. #1, Box 452, Roseville, California. 2-48.

INCOMPLETE OR POOR ANTIQUE COLTS, pistols or rifles especially Patersons or Dragoons. Geo. McQueen, 5111 Grant, Omaha, Nebraska. 2-48.

NAZI-JAP WAR RELICS; FOR SALE: WAR relic list 10¢; illustrated war medal catalog $1.00. Babin, 356N Hudson, Rochester, New York 2-48.

HIGH GRADE LIGHTWEIGHT OVER & under or double shotgun of any gauge. Boss-Purdey or Woodward preferred. Grant Pierce, 64 Alumni Avenue, Providence, Rhode Island. tf.

PACIFIC RELOADING TOOL FOR .22 HOR. net with powder scale and measure. Tool and accessories must be in excellent condition. State price. H. B. Ammons, 1136 Hayes St., Napa, California. Member.

.38 SPECIAL COLT O. M. OFFICIAL POLICE H.B. .22 Colt Match Target H.E. Hi-Standard, excellent to perfect. G. E. Murphy, 40 Willard Street, San Francisco, California.

BEST GRADE BRITISH HAMMERLESS side lock double barreled shotgun with modern steel barrels and automatic ejectors. Don Hopkins, 806 Old National Bldg, Spokane, Washington. 6-48.

SINGLE GUNS, PISTOLS OR ENTIRE COLlections—Antiques A specialty—Out latest catalog #4 containing the entire S.A. Ingraham collection now on sale at $1.00—No stamps please. Guns Inc. 24 Queen's Buyway, Falmouth, Cape Cod, Mass. tf.

RARE, ODD, UNUSUAL, FOREIGN AND war souvenir automatic pistols wanted. Sid Aberman, 5650 Marlboro Road, Pittsburgh 17, Penna. 2-48.

OLDER S&W's, AMERICAN, AMERICAN with Turkish Inscription, Wesson DA Favorite, first model M&P marked US or USN, first model 38 DA with straight cut sideplate, S&W Volcanic, any engraved, gold, silver plated, cased models. Prefer v.g. to perfect. H. L. Remmel, 1622 Center, Little Rock, Arkansas. 12-48.

MILLER BEDFORD, NEW LONDON, OHIO wants double rifles, overunders. Describe, price.tf.

F.A. AMMUNITION. BOATTAIL PREferred, consider all. State price. Paul Ratliff, Hillyard, Wash. 2-48.

RUMANIAN MANNLICHER MODEL 93 MILitary rifle, in excellent condition. Charles Schwab, 636 East 21st Street, Brooklyn, N. Y.

CASH FOR GERMAN SCOPES. ZEISS, Ajack, Hensoldt, reasonable prices paid. Describe completely. Want 70 action. Barrel and stock immaterial, trade perfect 4X Dialytan for 8X Zeiss. Marion Houston, 605 South Main, Paris, Illinois.

WANTED: SMITH & WESSON MAGNUM with 8-⅜" barrel, excellent only. M.C. Clark, 169 No. La Peer Drive, Beverly Hills, Calif.

REASONABLE CASH PAID FOR USED guns in good or better condition. All replies answered. George Bandas Sporting Goods, Richmond, Illinois.

FRONTIER COLTS, IN GOOD SHAPE, ALSO fancy ones, ivory grips. Robert Abels, 860 Lexington Avenue, New York 21. 4-48.

GERMAN MODEL 43 SEMI-AUTOMATIC rifles. Very good or perfect, with scope if possible. K. Daniels, 687 Bristol, Stockton, California.

PAY GOOD PRICES FOR BROWNING O&U any models, Zeiss Zielviers, issue Mausers. W. Burnham, 2154 Pearl, Seattle, Washington.

WANT: (30,000 EMPTY 30-06 CASES.) State condition, amount and price first letter. Have loaded M1 A.P. to trade. G33/40 Mauser action. Buy or trade. State terms. Will trade gun and stock work for above. See Trade Dope in Dec. 47 for description. Al Biesen, 1932 Loomis, La-Crosse, Wisconsin.

WANTED MANY TYPES OF OBSOLETE ammunition, domestic and foreign such as Remington, Sharps etc. with paper patched bullets, state what you have and what you want for it. Carl Metzger, 2305 Canton St., Dallas 1, Texas. 3-48.

WANTED: BROKEN OR COMPLETE SHOTguns, rifles, revolvers and gun parts. Scaramuzzo, 601 South Halsted, Chicago 7. tf.

WANTED—MAUSER, ENFIELD (M1917) OR Springfield (M1903) actions or rifles complete. We want to buy Springfield, Enfield or Mauser (date 1942 or earlier), actions in good condition, or complete rifles, condition of barrels and stocks immaterial. Give condition and price in first letter. Johnson Automatics Mfg. Co. Providence 1, Rhode Island tf.

WANTED FOR CASH—ANTIQUE PISTOLS, rifles, edged weapons, armor, collections or single pieces. Robert Abels, 860 Lexington Ave, New York 21. 4-48.

LOTS OF ANY SIZE UP TO 100 OR MORE, bull-dogs or top-breaks pistols, can also use Colts, S&W, Wheelers, 32's or 38's, or what have you. Jules Livingston, 501 E. Baltimore Street, Baltimore 2 Maryland. 8-48.

Lynx Line

"FOR SIMPLIFICATION AND RESULTS BLU-BLAK HAS PROVED TO BE TOPS IN MY 18 YEARS EXPERIENCE." HOKINSON'S GUN & TOOL SHOP
See page 73 Big Rapids, Mich.

EXCELLENT S.A. COLT. 357 MAGNUM 5½" blue. Frank Stoken, Rt. #1, Box 46, Hoquiam, Washington.

REMINGTON 14-35 CALIBER CONDITION immaterial, excellent Winchester 95- 35 or 405 Standard, deluxe grade sell—Hensoldt 6x42 roof prism excellent $140.00. Albanese, 2236 So. Wentworth, Chicago, Illinois.

PREWAR S&W 38-44 OUTDOORSMAN PERfect, J.W. Adriance, R.D. #1, Binghamton, N. Y.

BOOKS WANTED—STOCKBRIDGE'S DIGEST of Patents. Norton's American Inventions. Any Small Arms Patents. Armsmear. J. Ventuella, 3646 South Hamilton, Chicago 9.

USED REMINGTON MODEL 25, .25 CALIBER slide for cash. Good condition or better. Examination privilege required. D.E. Helland, Juda, Wisconsin.

SHARPS BORCHARDTS GOOD CONDITION Panel actions preferred. D.A. Kuhn, Marietta, Ohio. Life Member. 3-48.

GERMAN DOUBLE BARREL RIFLE CALIber 9.3x74R. Orville Aday, Rt. 7B, Waxahachie, Texas.

GOOD USED GUNS—BOUGHT, ACCEPTED in trade or sold for you on a commission basis. Write for complete information. Wahl, Bogota, New Jersey.

6.5 MANNLICHER-SCHOENAUER CARBINE excellent or better. Will pay cash. H. H. Watson, 109 Central Avenue, Tracy, Calif.

COINS WANTED BY COLLECTOR. U.S. AND Foreign gold and silver or old U.S. copper. Will buy single coins or miscellaneous lots. Describe fully stating condition and price or mail coins for fair appraisal and offer. Member of N.R.A. 25 years. References upon request. T. G. Young, 435 Sixth Avenue, Pittsburgh 19, Penna.

COLT SINGLE ACTION, HI-WALL OR BALlard, any condition. E. G. Hoblit, R#1, Clayton, Ohio.

MARLIN OVER UNDER .22 HORNET. 20 GA. gun, made before the war. P.A. Pue, Medina, Texas.

WANTED TO BUY OR RENT FOR INSPECtion only Farrow rifle or action. Condition immaterial. Deposit to assure return if rented. W. B. Hoss, Stillwater, Oklahoma.

GUNSMITH WANTED TO HANDLE GUN shop in sporting goods store includes new sales. Also taxidermist. Carlson, 4522 Orchard, San Diego, Calif.

CASES, CLEAN UNCORRODED, ONCE fired. 25-20, .220, .257, 30-06, 8mm. Lebel, 7.62 Russian, no foreign makes state price, quantity and condition in first letter. Wagner's Gunroom, Ashland, Ohio.

1917 ENFIELD OR ACTION. MODEL 70. ORborndorf 98 Mauser. Or action typewriter. Watch tools. Si Sharp, Slatyfork, W. Va.

GUN RACK OR CASE, MORGAN ADJUSTable shotgun pad, sculling oar, sundial. E. M. Hinchman, Rocky River, Ohio.

MAUSER, MANNLICHER, SPRINGFIELD, and Enfield rifles, actions and parts. William Depfer, 2004 Oakington Street, Baltimore, Maryland.

MODEL 1910 ROSS .280 BOLT ASSEMBLY or poor rifle, .280 components, dies, parts. Reasonable prices paid. Describe accurately. Miller's Gun Shop, Kingwood Park, Poughkeepsie, N. Y.

GERMAN SCOPE MOUNT WANTED FOR Gewehr 43 semi-automatic 8mm. rifle. Stadel, 426 Shippan Avenue, Stamford, Connecticut.

SHOP MANUAL (1939) STUDEBAKER CHAMpion. Popular mechanics shop notes before 1942. W.A. Peifer, 5 Clarendon Place, Pittsburgh, Penna.

MAGAZINES FOR GEW 43, P.38, LUGER, Mauser, other foreign. Lovell's, 1443 Berteau, Chicago, Illinois.

WANTED—LUGERS CALIBER 7.65, $30.00. 9mm. $30.00. 1943 or earlier. P.38, $25.00. 32 Savage automatic pistol, $26.00. German semi-automatic 8mm. rifle, $38.00. 8mm. Mauser, $30.00. 1942 Jap rifles caliber 77, 65, 25, 31, $10.00 each. Jerry Rapp, Manasquan, N. J.

ANTIQUE GUNS
HERB GLASS—BULLVILLE, N. Y.
20 miles west of Newburgh on Route 17K

MAUSER ACTIONS by FABRIQUE NATIONALE

NOW AVAILABLE WITH NEW FEATURES

In response to demands of the U. S. trade, F.N. Mauser Actions are now being manufactured with the following modifications:

- **Bolt handle curved down for low-mounted scopes.**
- **Checkered bolt handle knob.**
- **Single pull no-slack trigger.**
- **Floorplate instantly removable.**
- **Thumb-recess eliminated.**

NEW PARTS
FOR MAUSER ACTIONS
Complete set of parts—made by Fabrique Nationale—now available; including bolt with curved-down handle to take low-mounted scopes. All parts interchangeable with Model 98.
Price list sent on request to gunsmiths and dealers only.

Detailed description and specification sheet sent upon request to gunsmiths and dealers only.

Distributed exclusively by

FIREARMS INTERNATIONAL CO.
New Address-**1526 Conn. Ave.** **Washington 6, D. C.**

SPEER BULLETS

POWDER PRIMERS LOADING TOOLS

	List price per 100 postpaid
.223 cal. 40, 45 gr. MV	$ 2.80
.224 cal. 40, 45 gr. MV, 45 gr. HV	2.80
.228 cal. 60 grain—$2.95 ..... 75 grain	3.25
.257 cal. 87 grain—$3.55 ..... 120 grain	3.75
.270 cal. 100 grain—$4.00 ..... 150 grain	4.20
7 MM cal. 160 grain	4.35
.30 cal. 150 gr. WR—150 gr. GP, 180 gr.	4.20
.311 cal. 180 gr.	4.20
8 MM cal. 170 gr.	4.20
PRIMERS: Large and small rifle, large and small pistol per M	6.00
POWDER: DuPont and Hercules, per lb.... Hercules Unique & Bullseye, DuPont No. 4759, 8 oz.	1.80 / 1.25
Gas Checks—.25, .30 and 8 MM caliber, per M	1.75
PACIFIC TOOLS, Complete for one caliber—Standard, $28.75—Super ..... Pacific and Universal dies in most calibers	35.75
PACIFIC POWDER SCALES	8.50
IDEAL POWDER MEASURE, No. 55	10.00
TRU-LINE JUNIOR PRESS complete for one caliber	22.00
SAECO TRU SPEED POWDER MEASURE, complete with stand	15.75
STAR SIZER and LUBRICATOR	28.00
POTTER FURNACES, Model D	20.50
SHARPE'S GUIDE to HANDLOADING	8.00
IDEAL HAND BOOK	.50
PHILLIP'S DETACHABLE SWIVELS, complete with base, I & 1¼ inch, pr.	2.00
Non-detachable swivels, I and 1¼ inch, pr.	1.00
USED GOVERNMENT SLINGS—good condition—1¼ inch	.75
BRAUER GUN SLINGS—new—I and 1¼ inch	1.75
ACKLEY SNAP-ON MOUNTS	14.95
ACKLEY SAFETIES for Mauser and Springfield	6.00
WEAVER SCOPES, K4, K2.5, J2.5 .J4, G4, G6	List price
Remington 513T	53.50
Remington 521T	37.50
Winchester 75, without sights	45.05

Send for our complete price list

J. W. HORNADY
324 West Fourth Street
GRAND ISLAND, NEBRASKA

ENFIELD OWNERS

Watch this ad in 1948 for:

CLARK SPEED ACTIONS—proven by actual use in the field for ten years, by hundreds of hunters, under every possible condition. Imitated by many.

RE-BARREL SERVICE—in most popular calibers—also a very promising new "medium-big game" caliber of my own design.

ENTIRELY NEW SAFETY DEVICE, to be announced as soon as it has patent protection.

COMPLETE CUSTOM RIFLE MAKING—incorporating all of the above.

I expect to manufacture gun accessories at least 30 days, before opening the shop again for regular rifle work.

KENNETH CLARK, Madera, Calif.

LIFE MEMBER N.R.A.

Phone 390J1 **Rt. 1—Box 95**

NOW READY ! !

1948 Gun Catalogue

Over 2,000 Modern & Antique Guns, Pistols & Weapons of all types. Accessories, Ammunition, Loading Tools, Bullet Molds, War Relics, Books, Edged Weapons, Native Weapons, Medals, Insignias, Uniforms, Helmets.
CARTRIDGES FOR COLLECTORS
150-page catalogue, over 600 illustrations. A wealth of information for the Collector and Shooter.

PRICE 50¢ COIN
MARTIN B. RETTING, West Hurley, New York

2 JACKETS IN ONE

AAF-F-2 Pilots Jacket with Shearling collar. Eisenhower style; 100% wool; dark green. Complete with all wool button-in liner; rayon lining; zipper front. Wear liner as separate jacket. Sizes 36-40 **$11.75**

Leather Sheepskin Trousers. U.S. Navy 36 to 40. **6.75**

B-15 Style Flying Jacket—green poplin; alpaca wool lined. Mouton Fur collar. Zipper — Sizes 36-46 **15.50**

Write for FREE illustrated list Army surplus

Orders sent postpaid except C.O.D.
SATISFACTION OR MONEY BACK
CONSUMERS CLOTHING CO., Inc.
Box 2-R 26 Greene St. New York 13, N. Y.

BRAND NEW STOCKS FOR WINCHESTER REPEATING SHOTGUNS

Brand New Stocks, exactly the same as those used on the latest Model 12 Shotguns, standard grade, completely finished with fitted butt plate, all ready to drop into place, no fitting necessary. Made by Winchester and are of their usual quality and appearance, twelve gauge only, each.....$7.75
Same, brand new but very slightly shopworn, appearance excellent, mechanically perfect, (the difference between this and the $7.75 item is in appearance only and is negligible) 12 gauge only, each..... 6.00
Model 12 and 97 stocks as above but infetted for sling swivel, brand new, $5.75: very good or better..... 4.75
BARRELS, Remington Model 10 repeater, 20" cylinder, with fitted receiver extension, 12 gauge, brand new..... 5.75
MAGAZINE TUBES, Model 12 and Model 97, Remington Model 10, new (state if solid frame or takedown)..... 2.75
NON CORROSIVE SHOTGUN SHELL PRIMERS AT LESS THAN HALF PRICE!
Western No. 209 Battery Cup, fit all Western, Winchester and Federal Shells, 10 to 20 gauge inclusive, easily adapted to Peters & Remington. (list price new $11.03 per M). Per thousand, $5.25; per case of 5000...18.00
Bullets only (Remington): 6.5 Mannlicher Schoenauer, 150 grain Soft Point, $6.75 per hundred. 44-40, 160 gr. Mush 3.50
K22 MASTERPIECE, latest model, per combination of one M&P, .38 Spl, 4", and one K22 (all brand new)..121.50

SIGHTS & MOUNTS

Redfield Junior, for most rifles.....$10.75, $12.75 $14.75
Stith, for all scopes, 70 or 99, 15.00.Q.E.D.70 only 17.50
Redfield Sights, to fit most rifles, 102, $5.75; 70H 8.50
Lyman 48 Sights to fit most rifles..... 12.50
Lyman 77 and 77H, with base and inserts..... 5.00

TELESCOPES

Lyman Alaskan, All Weather, choice of 7 reticules $60.00
The TEXAN, Post or Crosshair..... 50.00
Weaver (post or crosshair), K2.5, $37.50; K4, 45.00
Argus Spotting Scopes, Super Grade 20X, 55mm... 74.50
Freeland Deluxe Offset Stand..... 9.50
JUNIOR TARGETSPOTS, 10X only, complete.... 62.50
Bausch & Lomb Binoculars, 6x30 Lightweight....124.40
(All above items latest type with coated lenses)
Weaver J2.5 Xhair, $22.50. 440S post only..... 27.50
B&L RAYBANS, Ladies & Regular, $10.75. Skeet 12.50
LARGE RAYBAN SHOOTING GLASSES..... 15.00

FIREARMS

Browning Sweet Sixteens, 28" modified only, rib...137.00
High Standard Pistols, HDM, 4½" or 6¾"..... 51.17
S&W, M&P, 2" & 4", Magna Grips, 38 Spl..... 56.50

All items except primers postpaid. Immediate shipment—Plentiful Supply. No C.O.D.'s Please

ROBERT K. HAELIG (LIFE MEMBER) **Dept. R, Bound Brook, New Jersey**

Sportsmen's Specials

U. S. NAVY 7 x 50 PRISM BINOCULARS WITH COATED OPTICS

Used but in Excellent Condition

$95

Complete with leather carrying case and sling.

Universal, 6 x 30 Navy Prism Binoculars, used but in excellent condition, complete with leather case and sling straps..... **$42.50**
With Coated Optics, $10 Extra.

DUCK DECOYS

$13.50 DOZEN

Victor Veri Lite Decoys of durable fiber, kapok filled Blue Bills, Pin Tails, Red Heads and Mallards.

PERCUSSION CAPS

REMINGTON SHUR FIRE #11 **$3.00** PER 1000
Value $4.50

REMINGTON #57 SHOT-GUN SHELL PRIMERS **$7.50** PER 1000
Value $12.00

Special 7 x 50, All Leather Prism Binocular Cases, brand-new, will fit 7 x 50 or 10 x 50 Prism Binocular. Value, $15.00. **Special $7.50**

10 gauge new primed empty shell cases 2 9/16 inches..... **$3** PER 100

Send coin $1.25 for Third Annual Edition of Gun Digest together with our complete catalog of new and used guns, ammunition, rifles, binoculars and powder flasks. Our separate catalog 25¢.

PUBLIC SPORT SHOPS
11 S. 16th St., Phila. 2, Pa. No COD's

Gun Engraving

Hunting scenes, carving, decorating, Gold inlay, Signatures, by Master Gun Engravers on Shot Guns, Rifles, Pistols, Trophies, Loving Cups, Etc. Send Guns or write for estimate:

McTEER ENGRAVING CO.
406 W. T. Waggoner Bldg.,
Fort Worth, Texas

Reference: Continental National Bank, Fort Worth, Texas

LOADING TOOLS

POWDER—PRIMERS—BULLETS

Wisconsin Gun Company

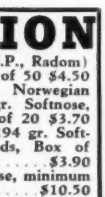
Winneconne Wisconsin

HUNTERS' SERVICE

Repairing by skilled Gunsmiths, expert on all makes and models of Shotguns (single or double trigger). Rifles, and Revolvers. Quality restocking of all firearms, custom or standard grades. Barrels reblued and refitted. Ship us your guns for quotations. All work guaranteed.

LeMaire Gunsmith Co.
503 Oneida Street Fulton, New York

EADS SCOPE SAFETIES



Springfield, Mauser & Win. 54 LOCK BOLT DOWN, Natural Position, Easy Thumb Action, Faster, Safer, Quality. Order direct or through your dealer. Price $5.00

EADS MFG. CO.
Triggers, Gunsmithing, Bluing
2502 Larimer St. Denver 5, Colo.

BOND DOUBLE CAVITY BULLET MOULD

ALSO NOW AVAILABLE
MODEL "C" LOADING TOOLS
ALLOW TWO OR THREE WEEKS FOR DELIVERY

Send 10c for latest catalog on hand loading

MODERN-BOND CORP.
813 West 5th St. Wilmington 99, Del.

AMMUNITION

9 m/m Luger, (P-38, Browning H.P., Radom) minimum order 200 rounds, Box of 50 $4.50
6.5 x 55 m/m Swedish Mauser, Norwegian Krag, 139 gr. Boattail, 170 gr. Softnose, minimum order 80 rounds, Box of 20 $3.70
7.9 x 57 m/m (8 m/m Mauser) 194 gr. Softnose, minimum order 80 rounds, Box of 20 ..... $3.90
9.3 x 74 m/m Rim, 285 gr. Softnose, minimum order 40 rounds, Box of 20 ..... $10.50

This ammunition is commercial post war factory loaded with non-mercuric, non-corrosive components, and is of foreign manufacture. Prices include freight, packing and handling. All above prices subject to change without notice.

Dealer inquiries invited

ASHTON AND COMPANY
707 South Broadway Los Angeles, California

REVOLVERS, AUTOMATICS, ALSO GUN parts, regardless of condition. Give description and your price, reply assured. Kenfix Company, 3706 Florida Avenue, Tampa, Florida. 4-48.

18 CM F2.8 SONNAR WITH FLEKTOSCOPE for Contax, in perfect condition, reasonable, also Smith & Wesson Rim Fire #1.22. Everett V. Dulin, 144 South Harrison Street, East Orange, N. J.

.22 W.C.F. SINGLE SHOT HI-WALL, STOCK and barrel immaterial action good to better, describe fully. W.A. Williams, Box 169, Columbia, Mississippi.

ITHACA 10 MAGNUM PREFER SINGLE trigger. Chas. Garrison, 1734 Newport St., Denver, Colorado.

.38 DETECTIVE SPECIAL; .45 AUTO. .38 OP; Frontier; .380 Colt; describe, price, serial. All correspondence answered. John O'Malley, 8642 Euclid, Chicago.

LADYSMITH SMITH & WESSON IN GOOD condition & reasonable. Dr. W.E. Williams, Raymond, Mississippi.

DOUBLE BARREL TRAPGUN. A. J. SHEDIvetz, Box 442, Oklahoma City, Oklahoma.

CASH PAID FOR DUCK STAMPS IN GOOD condition. Any issue. William C. Huff, Gonvick, Minnesota.

REDFIELD SENIOR MOUNT WITH RINGS suitable for 4X Zeiss scope. William Negley, Alamo National Bldg, San Antonio, Texas.

RIFLE 257 OR 250-3000 BOLT WITH OR without scope. For Sale—Browning O.U.A.E. F&M double single triggers, solid rib. $135.00. Very good. Ken Spears, 712 West Main Street, Morenci, Michigan.

SMITH & WESSON TRIPLE LOCK WITH 4" barrel in 44 Special or .45 Colt caliber. Must be fine or better. Describe and price in first letter. R. E. Thornton, 1535 West Third Street, Dayton, Ohio.

SEASONED WELL FIGURED CIRCASSIAN walnut stock blank. Also, Griffin & Howe rifle or carbine, Parker shotgun. Arthur Leidesdorf, Elberon, New Jersey.

ONE OR TWO V.G. OR BETTER ISSUE Enfield, Springfield, or Mauser rifles or actions; also perfect 7x50 Zeiss binocular. Warnisher, Lewistown, Montana.

WINCHESTER SINGLE SHOTS; LO-SIDE .44-40 carbine; hi-side 20 ga. shotgun. Old Winchester catalogs. Lloyd Bender, Galion, Ohio.

GERMAN 16 GAUGE OVER AND UNDER shotgun. Please give complete description and price. A. H. Peterson, 103 W. 28th Avenue, Spokane, Washington.

.41 REMINGTON, COLT DERRINGERS, ALSO other Derringer pistols, freaks, oddities. Robert Abels, 860 Lexington Avenue, New York 21. tf.

ANTIQUE GUNS WANTED—ANY TYPE-describe fully. Licensed State and Federal dealer. Herb Glass, Bullville, New York 3-48.

MODEL 70 TARGET 300 H&H NEW OR PERfect without sights. J.V. Barry, 414 Pamona, Coronado, Calif.

URGENTLY NEEDED 250-3000 SAVAGE MOdel 99EG, T or 20. Write at once. J. Desaye, Turner, Montana.

WINCHESTER MODEL 94 30-30 CARBINE. Very good to excellent. Describe. State price. Dallas L. Sharp, Saunderstown, Rhode Island.

SCOPES, BINOCULARS SIGHTS & CAMERAS

BINOCULARS CLEANED, REPAIRED AND hard coated. Alignment corrected to 1/1000 on our special collimator. Send for our leaflet "These Hard-Coating Jobs." Mail your glass for free estimate. Established 1925. Mirakel Repair Co., Mount Vernon, New York. tf.

THE ORIGINAL SIGHT-EXCHANGE, BOX J, Paoli, Penna. Gun sight specialists. Mail us your old sight and tell us what you want. tf.

TELESCOPE, BINOCULARS, MICROSCOPES, —big bargain catalog free. Brownscope Company, 24 West 45th Street, New York tf.

LEATHER LENS COVERS FOR ANY SCOPE. regular $1.50; Stith mounted $1.75, at your dealer or prepaid by Hicks and Morris, Box 809, Hot Springs, New Mexico. tf.

BINOCULAR TRADING POST. LATEST models (coated); B&L; Sard 7x50 $165.00, Sard 4.3 ounce vestpocket 6x20 $165.00; Universal 6x30 $85.00, all plus tax. Argus Super-Grade spotting scope 20x55 $74.50, carrying case $15.00, Argus tripod $8.50, all net. Also prism binoculars reconditioned and guaranteed by us $25.00 up. Liberal trade-in allowance. Send for list and booklet "The Use & Care of Binoculars". Mirakel Repair Co., Mount Vernon, N. Y. tf.

BINOCULARS, FIELD GLASSES, REPAIRED, hardcoated. Accurately aligned by collimator. Prompt service. Mail instrument for free estimate. Binoculars bought, sold, traded. New cases available. Rochelle Optical Company, 28 Cliff St., New Rochelle, N. Y. tf.

TACKHOLE DOT, THE ORIGINAL CENTER dot for scope sights. Installed promptly your J, K and 330-440 Weavers $8.00; Alaskan, Texan new Noske $12.50. Cub $10.00. New scopes already equipped, instant shipment. J2.5 $30.50, J4 $35.50; K2.5 $45.50, K4 $53.00, K6 $56.50. Texan $62.50, Alaskan $72.50, Deluxe Cub $65.00. Weaver mounts all rifles. Stith and Redfield for 70-99. Litschert attachments list. T. K. Lee, P.O. Box 2123, Birmingham 1, Alabama.

CUSTOM MOUNT RINGS FOR REDFIELD Jr. to fit your large scopes. Any diameter from 1.000 to 1.100, any height from 1/16 to 7/16 and special rings for Zeiss or Hensoldt light weights. $12.00. A low 26½mm. ring for immediate shipment, $10.00. German mounts removed, scopes cleaned, reblued, $10.00. Reticule and coating service. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, California. tf.

TRADE NEW SCOPES FOR GERMAN scopes. Zeiss, Ajack, Hensoldt bought, sold, traded. Robert S. Thomas, Silver Spring, Maryland. 3-48.

PREWAR GERARD 4X SCOPE, HALF G&H q.d. mount, excellent, $50.00. Prewar Voightlander Collinear III, 3½" F6.8, Koilos shutter 1/300 second, excellent, $60.00. A. H. Lewis, 425 Wisteria Road, Daytona Beach, Florida.

TOMMY DOTS INSTALLED IN YOUR CELL. K scopes $5.00. Targetspot $4.50. Cell and dot complete K scopes $6.00. Lyman $5.00. State power. Unertl, Fecker, your cell $4.50. One day service. Robert S. Thomas, Silver Spring, Maryland. 7-48.

NEW SCOPES AND BINOCULARS, B&L, 7x35 Zephyr-light $168.00 tax included Carl Zeiss 10x50 $175.00. Carl Zeiss 6x24 Zephyr-light $85.00 many others write me. Unertl scopes, 1½" $90.00. 1¼" $78.00. 1" $58.00. Small game $40.00. Varmint scope $75.00 all complete with mounts and bases. Fecker scopes 1⅛" 10X or 12X Special $65.00. The Texan hunting scope special $40.00 prepaid. J. L. Vincent, Sporting Goods, Aud, Missouri.

BROKEN — DAMAGED — INCOMPLETE — German rifle scopes, send scope or write giving full description and lowest price. Top prices for Zeiss and Ajack scopes. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, California.

FECKER 1½—10X TARGET SCOPE. OPTICally perfect; bluing very slightly worn, case, $70.00. Fred Boynton, Black River, New York.

ZEISS ZIELVIERS, COATED, BLUED, TILden mounts, M70, M98, perfect. Hensoldt Wetzlar Dural new prewar. G&H micrometer mounts. Ajack 4x90. 7x56 Hensoldt roof prism binoculars, coated. Robert S. Thomas, Silver Spring, Maryland. 3-48.

FOR SALE SCOPES—WEAVER K4, $40.00. K2.5 $32.50. J2.5 $20.00. Lyman Alaskan $52.50. Warren Berkner, Cave Junction, Oregon.

BINOCULARS AT BARGAIN PRICES, 6,7,8, & 10 power cameras as trade. Write for list. Kuhn's, 1303 12 Ave, Altoona, Penna.

I HAVE A GOOD SUPPLY OF TARGET rifles, and target scopes both new and used. Robert Hogue, North East, Penna.

COMMERCIAL HENSOLDT NACHT DIALYT 7x56 central focus case, perfect, $135.00. Hensoldt 10x50 I.F. excellent case, $100.00. Hensoldt 6x30 "Lightweights" I.F. (Commercial) case, $68.00, excellent. Westinghouse 1944 6x30 I.F. Coated, excellent, no case, $60.00. Universals 6x30 I.F. excellent to v.g. plus. No case, $50.00. Hensoldt Dialytan 4X scope, No mounts, (commercial) excellent caps $75.00. Knud Hansen, 8-C Pacific Drive, Winfield, Linden, N. J.

7X35 BAUSCH & LOMB BINOCULARS CONdition, excellent, optics, perfect, $90.00. M. J. Hamlin, 312 East 68 Terrace, Kansas City, Missouri.

5,000 BARGAINS Antique and Modern Arms Accessories, War Relics, Binoculars. Big Descriptive Catalog 40c.
JOHN W. SMITH, Rambler Ave., Runnemede, N. J.

LITHOGRAPHED
OFFICIAL N.R.A. Targets
RIFLE AND PISTOL

N. R. A. SEAL — SEND FOR — FREE Illustrated Price List

Enjoy the thrill of better shooting! Practice on OFFICIAL N.R.A. TARGETS, the same kind used in Official National Rifle Association matches. They cost no more.

NATIONAL TARGET COMPANY, INC. 1255 25th St., N.W., WASH., D.C.

RELOADERS SUPPLIES

BULLETS—In stock for .22, .228, .25, .270, 7mm, .30 & 8mm. Stock changes rapidly, so send 3¢ stamp for list of bullets available and prices.
PRIMERS—Special price of $6.00 per M on Western 6½ & 8½ N.M. & N.C. Rifle Primers.
POWDERS—Hercules and DuPont Rifle powders @ $1.95 per pound. Pistol & Shotgun Powders @ $1.30 per ½ pound. Please furnish cans.
NEW PRIMED CASES—.22 Hornet, .218 Bee, .219 Zipper, .25-35, .220 Swift, .250-3000, .30-40 Krag and .257 Roberts cases in stock. Others on order and arriving from time to time.
LOADING TOOLS—Pacific and Universal tools and parts in stock. Pacific & Universal dies @ $13.00 per set, postpaid. Pacific Balances $9.00, Postpaid. B&M Measures—$13.00, postpaid. Write your wants or send stamp for list as many items available for prompt shipment.

JIM WILKINSON, Rifle Ranch
Jerome Route • Prescott, Arizona

NEW SPRINGFIELD BARRELS
COMPLETELY CHAMBERED AND THREADED ---------- $11.95

30 cal. partial chambered Mauser---------$16.95
30-06 chambered & threaded Mauser---------$22.50
30-40 Krag chambered & threaded---------$22.50
Gunsmiths wholesale—6 for $65.00; 10 for $105.00
25 for $255.00—F.O.B., M.O., Ck., or C.O.D.

H. C. OSBORN 10th & Ave. B, Box 1267, San Antonio, Texas

HART'S
Yours for Better Shooting
77 GUN OIL GUN CLEANING SOLUTION 77
Modern Products, Chemically Engineered, Each Designed to Do One Job Only.
Maximum efficiency with minimum effort
CHEMICAL SPECIALTIES INC. P. O. Box 1253 Oakland, Calif.

BROWN & BALL
We have moved from Bryn Mawr, Pa., to La Grande, Oregon, and are doing our usual high grade custom, military conversion, and wildcat work.
1206 "B" Avenue — La Grande, Oregon

TRIGGER ATTACHMENT

FOR ENFIELDS, SPRINGFIELDS, MAUSERS and KRAGS
Complete with instructions for installing. Price $2.50
This attachment will take all the slack out of the trigger on any of these military actions and will give you as crisp a trigger pull as safety will permit.
See your dealer or order direct, giving make of rifle for which attachment is wanted.
VIGGO MILLER, 4340 Charles St., Omaha, Nebr.

ATTENTION!
VARMINT SHOOTERS!
22 POWER SPOTTING SCOPE
DAVIDSON-MARK 218

$22.50

FREE! with each scope, a $4.75 adjustable tripod (*illustrated*)

13-inch long x 1¾-inch diameter. Wrinkle finish. Hard coated lens for clearer sighting.

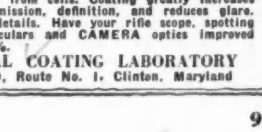
LITSCHERT (install-it-yourself) "Varmint Master" Attachments

New Weaver J 2.5	$17.50
29s, 330 and 440 Weavers	17.50
K-2.5 and K-4 Weavers	18.50
Alaskan Scopes	20.00
Texan Scopes	20.00

UNERTL 6 or 8 Power Varmint-Scopes 1¼-inch Objective, complete with bases. $75
MAIL ORDERS FILLED—QUICK DELIVERY

M&H SPORT STORES
512 Market St.
113 So. 16th St.
Philadelphia Penna.
1709 Atlantic Ave.
Atlantic City, N.J.

HOT & COLD HARDCOAT
For Your Optics


Our new ELECTRONIC process permits hard-coating of SPUN-IN lenses without removal from cells. Coating greatly increases light transmission, definition, and reduces glare. Write for details. Have your rifle scope, spotting scope, binoculars and CAMERA optics improved 20% to 50%.
OPTICAL COATING LABORATORY
Box 36D, Route No. 1, Clinton, Maryland

Announcing

The New "SPOT-SHOT" 1-¼" Objective TARGET and VERMIN SCOPE, 10X and 12X

These scopes are precision made, have coated optics, ¼ minute click mounts, and new sliding-sleeve focusing adjustment. These scopes are made to fill a long felt need for a medium priced target scope that will really fill the bill. Gives service and stays put. Write for our new literature on these new "SPOT-SHOT" scopes.

PRICE for "SPOT-SHOT" scope 10X or 12X, $39.95, complete with mounts.
EXTRAS: dust cap $2.50, recoil springs $2.50.

Write us or see your dealers for the new "SPOT-SHOT" scope.

R. A. LITSCHERT Dept. A WINCHESTER, IND.

GUNS! AMMUNITION!

• Buy Now •

Lightweight Remington & Ithaca Pumps, 12 & 16 ga.	$78.50
Winchester Mod. 64, 30/30 or 32 Spec. 24" bbl. rifle	79.75
Remington Model 550A, Semi Auto. Rifles, 22 cal.	32.85
Smith & Wesson .38 Spec. M&P Blue, 2", 4", 6"	56.50
Colt .38 Super Auto.. Latest Factory Model	65.00
Colt .45 Auto., New Latest Factory Model	65.00
Hi-Standard .22 Auto., HDM, 4½ or 6¾"	51.17
Marlin 39A Lever Action, .22 cal. 24" Repeater	50.45
Mossberg 46M Bolt Action rifle, 15 shot	27.95
Mossberg Rifle Scopes, 4M4 5M4 8M4	9.95
Mossberg 20 Power Spotting Scope	22.35
Crosman S.S. Air Rifle, .22 caliber	19.80
Crosman Air Rifle 20 Shot Repeater, .22 cal.	22.60
Crosman S.S. Bulls Eye Air Pistol, .177 cal.	19.80
Crosman Pellets .177 cal., per M. $2.50, .22 cal.	3.00
.41 Swiss rim fire lead cartridges, per 100	10.00
.303 British cartridges .174 gr., M.P., per 100	7.50
French 7.5 M/M MAS rifle cartridges, per 100	15.00
.25.35 Winchester cartridges, 117 gr., S.P. per 100	10.20
.257 Roberts cartridges, 117 gr., S.P. per 100	12.90
.300 Savage high power ctgs., 150 or 180 gr., per 100	13.45
.30/06 Gov't ctges, 150 or 180 gr. bullet, per 100	13.90
.380 Auto, or 9 M/M Corto ammo., per 100	5.38
.38 Colt Super Auto, ammo., per 100	5.80
.25 20 Win. single shot ctges, gr., S.P. per 100	7.00
Belgian Mauser, 7.65 m/m rifle ctges., M.P. per 100	12.00
Mauser 7.63 m/m (30 cal.) pistol ctgs., per 100	6.30
Winchester .351 S.L. ctges, S.P., per 100	8.40
Winchester .32 S.L. or .35 S.L. ctges.. S.P. per 100	8.00
.38 Smith & Wesson or Colt Spec. 158 gr. lead, per C	5.20
Derringer ctges, .41 short rimfire, lead, per 100	4.00
.218 Bee ctges, 46 grain mush, bullet, per 100	6.60
Cartridges rim-fire, .22, .25 & .32 calibers	See List
Remington bbls for 12 ga., Auto. S.G., 26" Imp. Cyl.	26.75
Rem. barrels for 12 ga. Auto. S.G. with Cutts Comp.	36.75
Duraluminum Rods for rifle, pistol or S.G. each	1.50
Magazines 15 shot for M1 Carbine, 30 cal., each	1.50
Barrels for 45 Colt model 1911 Auto	5.50
New Magazines, Colt .45 Auto	1.65
Barrels for S&W 1917, 45 caliber, 5½"	7.50
Magazines Hi-Standard, A.B.E. HDM, each	3.00
U.S. Kerr Web rifle sling straps, 1¼", each	1.00
Parts for 45 Colt and Model 1917 S & W	See List
New U. S. Gov't 1¼" slings, $1.75; Good Used	.60
Magazines for 22 H&R Auto. Leatherneck rifle	1.95
Latest type Adj. rear sights for M1 Carbine	1.50

Send Stamp for list—GUNS—AMMO, ETC.
GUNS-AMMO not listed, price on request

All prices subject to change without notice

HUDSON SPORTING GOODS CO.
R-52 Warren St., (*No C.O.D. Orders*) **New York 7**

N.R.A. Members:

NEW PERSONAL INSURANCE

- Reimburses you for medical expenses up to $500 for each accident, regardless of cause, (Occupational accidents excepted).
- Pays each claim promptly upon receipt of bills.
- Saves you at least 25% on premium.
- Send only $8.75 for a full year.

N.R.A. Clubs: LIABILITY INSURANCE PROTECTION

- Protects club and its members from possible assessment due to any accident arising from club's activities.
- Pays up to limit you choose ($10,000 minimum) if club is proven liable.
- Provides this broad protection exclusively for N.R.A. clubs at minimum cost.

Write for particulars regarding these and our other insurance services, including Fidelity Bonds and All Risk Gun Insurance. We specialize in serving N.R.A. members and member clubs.

CARPENTER INSURANCE SERVICE
1212 19th Street, N.W. Wash. (6) D. C.

FULL LENGTH ZIPPER SHEEPSKIN GUN CASE

CUSTOM-MADE BY NICHOLS

This new improved sheepskin gun case an exclusive Nichols' design is without question the finest most practical case ever made. Individually cut for perfect form fit. Thoroughly reinforced around breech, butt and muzzle, and bound with silk leather.

PRICE POSTPAID

Standard Size Case	$13.85
Bolt Action Rifles	$14.95
Rifles with Sport Scope	$17.95
Rifles with Target Scope	$23.45

Handles or sling strap optional

When ordering - be sure to send outline drawing of gun or rifle with scope mounted.

Send check Order Now. Ask for new Sportsmen's Catalog

R. C. NICHOLS CORP., YARMOUTH, MAINE

WAR SURPLUS

30-06 ENFIELD RIFLES Issued in excellent condition	$37.50
U. S. GOV. RECOIL BOOTS Prewar rubber to fit all shotguns and rifles	69c each
16 GA. SHOTGUN SHELLS Western Expert, No. 1 Buck.	$6.00 per 100
10 GA. REMINGTON KLEANBORE Nitro express, 3½" magnum shotgun shells, 25 shells in a box	$5.00 per box
45-70 BLANK CARTRIDGES By Western Ctg. Co.. value $15.00	$5.00 per 100
ARGUS OBSERVATION TELESCOPE Super grade., 20 power, coated optics, new condition.	$59.50
CARRYALL ROLL-TYPE CANVAS Olive drab, heavy canvas for general use, hikers, hunters, travelers and general use for all athletic equipment	$2.00 each

PUBLIC SPORT SHOPS
11 S. 16th St., Phila. 2, Pa. No COD's

CLARUS 35 MM. L.N., CASE, ACCESSORIES, $90.00. D. Talbut, Whitehouse, Ohio.

PRISM BINOCULARS—FINEST U.S. GOV'T. Optics. Huge 50mm. coated objectives. Less than half price: 7x50mm. $79.50; 10x50mm. $89.50; 12x50mm. $92.50 plus tax, prepaid. Literature on request. DuMaurier Binocular Mfgrs. Dept. 191, Elmira, N. Y. tf.

QUICK, EXPERT REPAIRS MADE ON Binoculars, telescopes and other optical equipment. Binoculars accurately aligned by collimator. Instruments coated. Estimates submitted on request, upon receipt of instrument. All work guaranteed. Binoculars bought, sold and traded. Send your requests to us for prompt attention. Op-Tech Instrument Service Co., 20 Maiden Lane, New York 7, N. Y. 3-48.

PRISM BINOCULAR CASES, TAN LEATHER, new, for 6x30 and 8x30 binoculars, $5.00 each. Special 7x50 prism binocular cases, brand new, will fit most 7x50 or 10x50 prism binoculars, value $15.00 special price $7.50. Elbow prismatic telescope 8½ power. Cost Government $200.00. Brand new, $35.00. Rifle telescopes Weaver 330, $29.50; K2.5 $39.50; K4, $45.00; J2.5, $22.50, brand new. Weaver mounts $7.50 extra. Mossberg rifle telescopes with mount, new, model 4M and 5M $9.50 each. Forward money order. No C.O.D. shipments. Send coin $1.25 for Third Annual Edition of Gun Digest together with our complete catalog of new and used guns, ammunition, rifles, binoculars and powder flasks. Our separate catalog 25¢. Public Sport Shops, Dept R75, 11 So. 16th Street, Philadelphia, Penna.

PERFECT PREWAR B&L 6X30, INDIVIDUAL focusing, case, $80.00. Richard Long, 7605 West Isham Avenue, Chicago 31, Illinois.

ONE UNERTL 1¼X10X PERFECT WITH mounts $70.00. One Fecker 1-3½x10X perfect with mounts $90.00. One Zeiss Zielacht 8X very good, no mounts $160.00. Leslie E. Stephenson, 516 College Avenue, Stillwater, Oklahoma.

WANTED: KODAK 35 R F, FLASH MODEL, v.g. or better. D. Talbut, Whitehouse, Ohio.

6X30 BAUSCH & LOMB, TYPE EE PRISM Binoculars, individual focusing with leather case, excellent condition, $47.50. 6x30 Universal Navy binocular with case, excellent condition, $57.50. 16x50 Hensoldt prism monocular, featherweight, like new, $95.00. 7x56 Hensoldt prism binocular, featherweight, central focusing, like new, $165.00 with case, Sportsmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

BINOCULAR CASES, NEW: FOR 7X50 AND 10x50, marked B&L, $7.50. Kodak style finest quality leather for most 6X and 8X, $5.50. Also box or kodak style made to order. Mirakel Repair Co., Mount Vernon, N.Y. tf.

NEW SCOPES: ALASKAN, $52.50; TEXAN, $40.00; K2.5, $34.00; K4, $40.00; J2.5, $20.00; Texan Lee Dot, $54.50. Write for prices on mounts. Jack Waterman, 3829 Kerckhoff, Fresno, California. 3-48.

15X100 JAPANESE BINOCULARS: 22" LONG. Telescoped objective protectors with brass covers. Rubber eye pieces. Eye piece 60° off-set. Cast stand 20" high. Calibrated for precision 360° azmuth and 100° elevation. Locks in position. Spirit level on base. Battery operated device illuminates cross hairs. Gun sights for course aligning. Two original heavy wood metal bound quality trunks. Nice condition $375.00. Turner Kirkland, Union City, Tennessee.

B&L 7X50 BINOCULARS, EXCELLENT, WITH case, $120.00. Hensoldt 7x42 roof prism, binoculars, excellent with case, $140.00. Traders Exchange, 513 No. Neil Street, Champaign, Illinois.

K2.5, COATED, TOP MOUNTS, PERFECT. $27.50. Fecker 1-½x10, coated, new 1947, perfect, $56.00. Kent Smith, Lewiston, N. Y.

GUNSMITH'S SERVICES & SUPPLIES

ANTIQUE ARMS REPAIRED AND SPRINGS made, also do bluing and old style browning. Moderate prices. Send work express prepaid. Kimball Arms Company, Woburn, Mass. tf.

CHECKERING TOOLS, HAND FILED, SET of three Checker, Border and Cleaner, also directions. Popular 16 line set $2.75; 18 or 20 line $3.50, postpaid. Thousands of satisfied users sold past 15 years. Free catalogue. Warner Products Co., Dept R. Baldwinsville, N. Y. 1-49.

GUN STOCKS

Semi-inletted or completely fitted to your action.
Blanks, also
JOSEPH SZCZEPANIK
Englishtown N. J.

A NEW STOCK FINISH BY BISHOP consisting of one container for filling grain and one container of the finest oil finish. $1.10 per set postpaid. E. C. Bishop & Son, Warsaw, Missouri tf.

ARTISTIC ENGRAVINGS ON FINE GUNS: Game scenes in relief; gold inlay; scroll work, etc. Folder on request. A. Griebel, 4724 No. Keystone Avenue, Chicago 30, Illinois. 7-48.

CUSTOM REBARRELING, BUHMILLER blanks only. Calibers 30-06, 30-40, 300 H&H, .270, .257, .220 Swift, .22-250, Standard Hornet, also .22 Long Rifle, match grade barrels. Kenneth L. Hooper, Box A, Eureka, Montana. tf.

PAUL MACK, GUNMAKER—MAKER OF fine custom made stocks & Beavertail forearms to your dems. Telescope mounted fine artistic checkering, general repair on all type of guns. Muzzle loaders repairs, parts made for any make of gun, 30 years in business. 50945 Ann Arbor Road U.S. 12, Plymouth, Michigan. Tel. Plymouth 853W12. 3-48

THE GUN RACK: REBLUING SPECIALISTS, military conversions, Mausers, Enfields, and Springfields rebarreled to .22-250, .220 Swift, .257 Roberts, .270 Winchester 30-06. Work guaranteed. Menlo Park, California. Life Member N.R.A. tf.

GUNSMITHING, REMODELING, REBLUING. J.A. Bibey, 122 South Lincoln, Roseville, Calif. tf.

ROGUE SPORTSMAN CUSTOM GUNSMITHing. Military conversions, Jap 6.5's a specialty. Rebarreling, maintenance. Work guaranteed. Eagle Point, Oregon. tf.

CUSTOM REBARRELING, MILITARY CONversions, sights, scopes mounted. Lewis Gun Shop, 814 Main Street, Towanda, Penna. tf.

JAP 7.7 RECHAMBERED TO 30-06, 98 MAUser rebarreled to 30-06, .270, .257, sights, recoil pads, Weaver chokes installed. Stambaugh's Gun Shop, 1211 El Paso St., Plainview, Texas. 2-48.

GUNSMITHING, ACTION WRENCH FOR removing military barrels, bluing, offset revolver hammers, hard cold safe lens coating service. Alan S. Wiel, 441 Balboa St., San Francisco 18, Calif. 2-48.

CHECKERING TOOLS—HAND-FORGED, OF highest grade hardened steel; set of 4, with complete instructions, only $6.00. Wilson Industries, Inc., West Hempstead, New York. 3-48.

MAKE YOUR OWN BARREL BAND RAMP front sights from steel forged blanks $1.25 each. Rough bored by 64ths up to 41/64th 75¢ extra. Double forward set trigger for Mausers, Enfield, and Springfield $10.00. State kind of action. John R. Speer, 7428 Richland Manor Drive, Pittsburgh 8, Penna. 8-48.

GENERAL GUNSMITHING. REPAIRING conversion work—parts made. Inquiries invited. R. K. Salisbury, 4564 Virginia Ave, Oroville, California. 3-48.

FULL LENGTH CASE SIZING DIES, $3.00; adjustable straight line bullet seaters, $4.00. Over fifty calibers, including German, Jap and Wildcats. Fully guaranteed. Postage Extra. R. D. McCaslin, Centralia, Kansas. 2-48.

STOCK WORK IS OUR SPECIALTY—EXtractor for Remington model 24. Hand fitted $2.00 —Rebluing, gun repairs. Joseph Schober, Rt. #3, New Hope Road, Jacksonville, Texas. 2-48.

FANCY STOCKS, CHECKERING EXPERT bluing. Rebarreling in .22-250 and most calibers at $37.00. Includes bluing, scopes mounted free if I furnish scope and mount: Bishop stocks completely finished $28.00. Send for folder. Mesicks Gun Shop, Rt. #1, Dundee, Illinois. tf.

PLAIN GUNSMITHING. REVOLVER AND rifle conversions, rebarreling. Low bolt handles. Pop Eimer, Joplin, Missouri. Member American Gunsmiths Guild. tf.

MILITARY TO SPORTER CONVERSIONS, general gunsmithing, and custom bluing. Write for prices. Clayton's Gun Shop, 108 West 12th St., Joplin, Missouri.

GUNS REBLUED. 3-DAY SERVICE. GUARanteed satisfaction. Cutts comps. Weaver chokes. Weaver scopes, recoil pads. List free. Simmons Specialties, 1428 Walnut, Kansas City, Missouri tf.

MUZZLE CROWNING BRASS BALLS; SET of six, 5/16 through 5/8 $2.75 postpaid. Ray Tiffany, 5723 Alameda, El Paso, Texas. tf.

KILBOURN 22 K-HORNET

$5.00; rechambers your Hornet to this most efficient and economical vermin shell. Increases range at least 50 yds. High speed,yet mild report,keeps land owner your friend. Lovells to K-Lovell $5 Win. S. S. Br. blocks bushed $7.

Lysle D. Kilbourn (Originator) Whitesboro, N. Y.

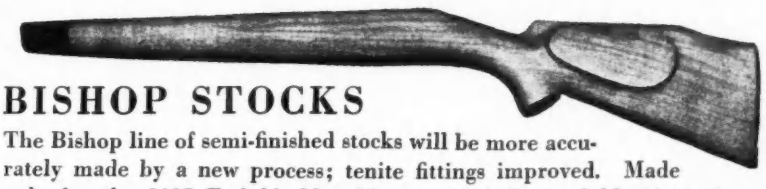
BUCHANAN

SHORT ACTIONS
.45 ACCURACY JOBS
WOODSMAN TARGET JOBS

TARGET BARRELS FOR .38 SPL.

J. D. BUCHANAN

1500 West Verdugo Avenue — Burbank, California



BISHOP STOCKS

The Bishop line of semi-finished stocks will be more accurately made by a new process; tenite fittings improved. Made only for the 1917 Enfield, M98 Mauser, 1903 Springfield, 30-40 Krag, Remington 30S, and Winchester M54 and M70. Price $8.95 postpaid. Mannlicher type stocks are NOT available. Catalog sent on request.

E. C. BISHOP & SON, Inc. — **Warsaw, Missouri**

You'll say IT'S SENSATIONAL! . . . the greatest development since invention of the holster!

The NEW FRANZ-LOC HOLSTER CLIP

SPRING CLIP eliminates opening or removing belt to attach or detach holster—Instantly SNAPS on or off!

3 sizes to fit belts 1 in. to 2½ in. wide. . . . Send Today for FREE FOLDER with prices.

SPORTS, INC. 5505 BROADWAY, DEPT. CA2 CHICAGO 40, ILLINOIS

D.C.M. RIFLE BUYERS

WALNUT CUSTOM GRADE STOCKS

Sporter type, pistol grip, with or without Monte Carlo & cheek piece, hand checkered, oil finished. Ready to attach to rifle. Factory made by famous Custom Gunsmith firm. Springfields and Enfields with Monte Carlo and cheek piece $29.50, without $27.50. Mauser $31.50 and $29.50. Order now, prompt delivery. Money Orders or certified checks only.

L. Shortt, NRA member

SHORTTS GUN SHOP 105 Valley Drive Syracuse 7, N. Y.

GUNSMITHS — *GUN MAKERS*

GUN REPAIR

Alteration and conversion of all modern rifles and small arms.

Military Conversions from $80

MILFIELD - FIREARMS

Milfield Corp. — North Tarrytown, N.Y.

LEHMAN'S FEATHERWEIGHT SCOPE MOUNTS

For Internally Adjusted Scopes

$9.00 Postpaid

1"—⅞"—¾"

at your dealer or write

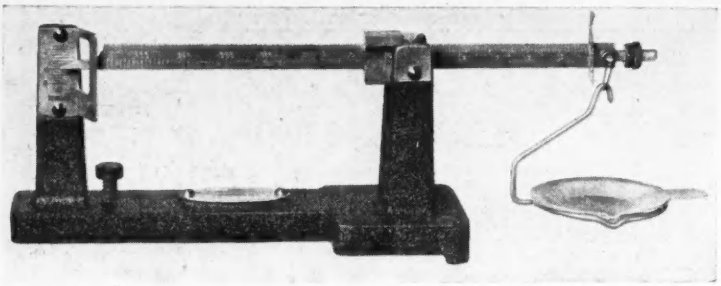
E. W. LEHMAN

P.O. Box 17 Chula Vista, Calif.

MECHANICS • HOME STUDY

Step up your own skill with facts & figures of your trade. Audels Mechanics Guides contain Practical Inside Trade Information in handy form. Fully illustrated. Easy to Understand. Highly Endorsed. Check book you want for 7 days' Free Examination. Send no Money. Nothing to pay postman. ☐Carpentry $6 • ☐Auto $4 • ☐Oil Burners $1 ☐Sheet Metal $1 • ☐Welding $1 • ☐Refrigeration $4 ☐Plumbing $5 • ☐Masonry $6 • ☐Painting $2 • ☐Radio $4 ☐Electricity $4 • ☐Mathematics $2 • ☐Steam Engineers $4 ☐Machinist $4 • ☐Blueprint $2 • ☐Diesel $2 • ☐Drawing $2. If satisfied you pay only $1 a month until price is paid.

AUDEL, Publishers, 49 W. 23 St., New York 10, N. Y.



AT LAST! The new **REDDING** Powder and Bullet Scale! Attractively finished—Attractively priced! $11.75 Postpaid. Has easily read graduated beam and counterpoise—new type self-aligning bearings—tenth grain over and under graduations—large capacity pan with handle and pouring lip—brown wrinkle finish base with leveling screw—325 grain capacity. These features plus a tenth grain accuracy guarantee, ease of operation, practical design, and low cost make the Redding scale the choice of the particular handloader.

ORDER THROUGH YOUR DEALER OR DIRECT. IMMEDIATE DELIVERY

BOX 524 THE REDDING COMPANY CORTLAND. N.Y.

TRADE-INS ACCEPTED

Our CONVERTED

LEFT-HAND, SPRINGFIELD or MAUSER, in any calibre from $215 to $250; in Right Hand from $100 to $250. We equip them with any mount & scope.

WANTED—Mauser Magnum and Regular Springfield and Enfield Actions. State the quantity and price.

FRANK PUGLIESE : 2829 So. BROAD ST., TRENTON 10, N. J.

TACKHOLE DOT

The original Center Dot reticule by Lee is first with shooters everywhere because it's BEST. Factory equipment now when specified in Lyman, Kollmorgen, Stith, Fecker, Unertl, Litchert and the Texan. "Nuf sed!" Prompt installation in Alaskan, Texan, Noske $12.50; J2.5, J4, K2.5, K4, K6 and 330-440 $8.00; target scopes $10. New scopes already equipped instant shipment: Alaskan $72.50, Texan $62.50, Bear Cub DeLuxe $65; J2.5 $30.50, K2.5 $45.50, K4 $53.00, K6 $56.50, J4, $35.50. Litchert attachments at list for above scopes. Weaver, Stith and Redfield mounts. Argus spotting scopes $74.50. Free illustrated folder and price list. 24-hour service.

T. K. LEE

P. O. Box 2123 Birmingham 1, Alabama

BAUSCH & LOMB BINOCULARS

Government Surplus, Used. 6x30 EE $37.50 to $47.50. 7x50 coated optics $120. Unused 6x30 M3 war II with coated optics lightweight $95. New Universal US Navy 6x30 with coated optics war II fungus proof in original cartons $85. Other used binoculars, Guaranteed, Large stocks. B&L 7x35 as new $120. Universal 6x30 latest lightweight $45. Army Signal Corps 6x30 $36. B&L 7x50 Navy $99. Other 7x50 US Navy $75. German 6x30 $47. Zeiss 13 oz type 6x30 $75. Zeiss 14 oz 8x30 as new Deltrintem $150. Unused 8x40 prewar de luxe German $175. Same in 6½x50 $120. Zeiss 28 oz 10x50 $150. Zeiss Delturis 8x24 excellent $95. Others Ask for list. All prices include case and tax. Argus 55mm super spotting scopes new condition $65.

LOUIS DOMINGUES 3501 Asbury Dallas 5, Texas

PROFESSIONAL

FACTORY BLUING for the GUNSMITH. DEALER&SHOOTER. Have that Bluing job done in a Professional shop and secure the type of work that assures repeating from each and every Customer. Strictly FIRST CLASS work in a modern equipped shop not limited to any one type of bluing method. Attractive discount to Gunsmiths and Dealers, prompt delivery, save yourself time and money and be assured of the ultimate in fine bluing by writing to—

J. A. WINGERT, 124 W. 2nd St., Waynesboro, Penna.

BARREL BLANKS

.22 cal. L.R. or High Velocity, 30" long x 1⅛" or 1¼", twist standard or as per specifications. **HIGHEST ACCURACY AND UNIFORMITY OF RESULTS** insured by our special steels and strict controls of all our manufacturing operations. **LOWEST PRICES CONSISTENT WITH HIGHEST QUALITY.**

Watch for Announcement of our Single Shot Falling Block Super-Accurate Match Rifle.

GREGOIRE ENGINEERING COMPANY

P.O. Box #3114 New Haven, Conn.

"LIFETYME" **PISTOL CARTRIDGE DIES**

LONG LIFE - NO SCRATCHING - NO GALLING

USERS REPORT 250,000 CASES—and still running

MANUFACTURED BY

Carbide Die Service

CARBOLOY

(TRADE MARK) CEMENTED CARBIDES

71 N. MICHIGAN AVE. PASADENA 4, CALIF.

THE GUNSMITHS

—need tools, barrels, parts, supplies. We are swinging our entire facilities to meet this need. Please add your name to our mailing list for future use. Thank you.

CHRISTY GUN WORKS

875-885 57th St. Sacramento, California

THIS IS IT!!!--

A custom rifle in four models. Options as to stock style, dimensions and details. Built on new Mauser actions manufactured by Fabrique Nationale, Liege, Belgium, with Johnson automatics barrels in four weights. All parts are new, action and barrels proof tested and headspaced, bolts altered for low scope. All popular calibers adaptable to the Mauser action. Write

JOHN P. HAGERTY South Woodstock, Connecticut

SET TRIGGER FOR 52 WINCHESTER

Easily installed by anyone handy with tools; no drilling or cutting on rifle necessary. Removal of one screw makes trigger legal for use in N.R.A. matches, requiring a three-pound trigger pull. Price $15.00 Postpaid. Satisfaction guaranteed. Order today. *Set triggers for other rifles coming soon.*

M. H. CANJAR 1476 Pennsylvania St. Denver 16, Colorado

DELUXE CUSTOM RIFLE BUILDING. Three distinct models, standard, light, and Featherweight: 30-06, .270 .300, .257, .250-3000, .22-250 caliber. Built on your 98 Mauser, Springfield on Enfield actions. Super Featherweight in .257, .300, .250-3000, .22-250 on Columbia Jeep action. Your 98 Mauser and Springfield action shortened. Columbia Gun Co., N2220 Division St., Spokane 13, Wash. 5-48.

YOUR 99 SAVAGE ALTERED TO 300 CALIber, bluing, rebarreling. Bayer's Gun Shop, Walla Walla, Wash. tf.

CHAMBERING REAMERS, VISES, DIES, Wright ramps, other supplies. List Wright's Gun and Tool Shop, Bloomsburg, Penna. tf.

BEAUTIFUL TARGET AND SPORTING rifles, built by master gunsmiths, in all popular calibers, Magnums and Varmint rifles. In a new spacious shop, with enlarged personnel and facilities, we can offer barreling to 30-06 at $18.00, 5 day service. Other calibers $25.00 up. Plain and fancy stock work $35.00 up. Expert bluing, efficient repair service full line of general gunsmithing. Dealers and Gunsmith get 10% and fast service. Stamp appreciated. Ben's Gun Shop, Pleasant Gap, Penna. tf.

WALNUT GUN STOCKS, SEMI-INLETTED or completely fitted to your action. J. Szczepanik, Englishtown, N. J. tf.

GENERAL GUNSMITHING: REBARRELING, restocking, rebluing, bolt and action alterations. Gold, silver, chromium plating. Parts made for foreign & obsolete guns. Scaramuzzo, 601 South Halsted, Chicago 7. tf.

I DUPLICATE ANY RIFLE OR GUN STOCK ready for hand fitting $5.00. Dave W. Thomas, Vineland, N.J. tf.

JOHNSON BARRELS FOR GUNSMITHS—(A) Blanks only, in four weights: Featherweight #8492—weight 2½ pounds, finish length 22", calibers .22, .25, .27 and .30—price $20.00. Standard target sporter #8033—weight 3¼ pounds, finish length 24", calibers .22, 25, .27 and 30—price $20.00. Heavy target #8194—weight 4⅞ pounds, finish length 26", calibers .22, .25, .27, .30—price $20.00. Bull barrel #8493—weight 10¼ pounds, finish length 29", calibers .22, .25, .30—price $25.00. (B) These blanks semi-finished and rough chambered, ready for finish chambering headspacing and proof testing, threaded for and attached to Mauser, Enfield or Springfield actions in calibers .22 Hornet, .22-3000, .22-3000 R2, .218 Bee Improved, .219 Zipper Improved, .22-250, .220 Swift, .250-3000 Savage, .257 Roberts, .270 Winchester, 30-06, .30 Remington automatic, .30-40 Krag, .300 Savage and .300 H&H Magnum. Featherweight—1¾ pounds, standard target sporter—2½ pounds, and heavy target—4 lbs. Price $30.00. Bull barrel—10 lbs. Price $40.00. (In ordering, action must be sent to our plant for proper thread fitting.) (C) Same as B above, but finish chambered, headspaced and proof tested in your action and outside finished to standard Johnson dimensions, ready for polishing and bluing. Featherweight—1¾ lbs., Standard Target sporter—2½ lbs., and heavy target—4 lbs. Price $35.00. Bull barrel—10 lbs. Price $45.00. (In ordering, action must be sent to our plant for proper fitting.) All the foregoing are new barrels manufactured since the war, and suitable for conversions of military rifles to sporters. Discount to dealers on above items. John W. Automatics, Providence 1, Rhode Island. tf.

GERMAN PISTOL AND RIFLE PARTS. Parts for most American Firearms. Send stamp for free list. Repairing and reconditioning on all handguns, rifles and shotguns. Western Gun Exchange, Whittier, Calif. 5-48.

ENFIELDS COMPLETELY CONVERTED $35.00. All Enfield remodeling. Write for details and prices. Enfield Specialists, 4 Elizabeth St., Troy, N. Y.

BULLETS: COPPER JACKETED, 22, 228, 257, 270, 6.5mm, 7mm, 30, 8mm, 35 cal. Free descriptive catalog, handloading information. Modern Gun Shop, 15349 So. Paramount, Clearwater, California.

MILLING MACHINE: NEW "BENCH MASter" horizontal mill compl. with vertical overarm attachment, and cutter arbor with spacers. Lists $385.00, reduced to $345.00. Driver Equipment Co. 1152 Valencia Street, San Francisco 10.

MILITARY CONVERSIONS, REBARRELING, restocking, bluing. McKee's Gun Shop, 12 Tillman Ave. Norwich, N. Y.

CUSTOM GUN BLUING, 2 YEARS WITH Joe Pfeifer; F. W. Fish, 14155 Victory, Van Nuys, California.

ENFIELDS COCK ON OPENING. SEND cocking piece only. New tool steel insert, extra strong spring, postpaid $6.00. Less than ¼" travel. No welding. Install yourself, save ½ price. Three day service. Strine Arms, Cardington, Ohio.

SEND US YOUR GUNS FOR EXCELLENT bluing. Prompt service. Pistols $5.00, revolvers $6.00, rifles—shotguns $7.50. Military conversion starting at $18.50 on Enfield, Springfield, Mauser Krag. Bob Sands, 211 Montrose Avenue, Syracuse 4, New York tf.

STAR BLUING SALTS. PERFECTED BY America's Original Bluing Firm. Simple, foolproof, no thermometer, any heat source, use indefinitely. Pistol size $2.95, shotgun $4.95. Gunsmiths $11.95. Precleaner $1.45, Finisher $1.45, Derustant $1.45, Tanks $3.95—Fancy bluing, plating checkering, stocking. Genuine pearl ivory grips. Gun Reblu, Fletcher 2, No. Car. tf.

MAUSER, SPRINGFIELD, ENFIELD, REbarreled 30-06 $18.00. Request prices on other calibers. L. Krause, Detroit, Maine.

MILITARY TO SPORTER CONVERSIONS. Barreling, stocking, custom bluing, custom loading, general gunsmithing. G. A. Yorks—Federal License #8692, Purvis & Braden Welding & Machine Shop, Traverse City, Michigan.

RIFLE AND GUN STOCK BLANKS IN FOLlowing woods. Birds Eye and Curly Maple, extra Fancy Oregon Myrtle, American Walnut blanks, ebony blocks for fore-end tips. Special inletting service to gunsmiths. D.W. Thomas, Box 184, Vineland, N. J. tf.

CUSTOM REBARRELING, .257, .270, 30-06 Mauser actions $40.00. Other actions, $42.50. Ten days delivery. K2.5, K4 Texan, Alaskan scopes purchased with Redfield mount installed free. Super-Glo stock finish $1.00 postpaid. Thompson's Gun Shop, 184 South Pennsylvania, Denver, Colorado tf.

U.S. ARMY LEATHER RIFLE SLINGS, 1¼", good condition, $9.00 per dozen. Samples $1.00 each. Quick detachable 1¼" sling swivels, new, $8.00 per dozen pair. Send coin 10¢ for list of sportsmen's supplies available for immediate shipment. Sportsmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

SCHMIDT'S ADJUSTABLE INLETTING rasp, large and small cutting heads, $3.50. Hi-Tensile Striker Spring, for speedlock on Enfield, Springfield and Mauser $1.00. Immediate shipment, quantity discount, satisfaction guaranteed. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, Calif. tf.

ORDER THAT VARMINT RIFLE NOW, built on new Mauser action or your singleshot, $37.50 up, ask for our special terms. See other ad this column. Ben's Gun Shop, Pleasant Gap, Penna. tf.

MILITARY RIFLES CONVERTED TO sporters, restocking, rebluing sight mounting. Arthur W. Young, Box 64, Richland, Penna.

ENFIELD TO COCK-ON-OPENING: 7/16" hammer fall, adjustable single-pull trigger, polishing optional $10.00. Restocking, remodeling, rebluing, limited rebarreling. Sights and scopes. Write for list. Dale M. Guise, Rt. #2, Gardners, Penna.

BARREL FITTING AND CHAMBERING FOR the Lindahl chuckers and other calibers. Enfields to cock on up-stroke no welding on bolt $10.00. Ears milled off to your dimensions $6.00. Cut barrel and crown $2.00 straighten trigger guard tang $3.00. Bolt handles altered. Scopes mounted and sold. Bluing. David G. Poyer, 2520 West Koenig, Grand Island, Nebraska.

WE SPECIALIZE IN MILITARY CONVERsion work, rebarreling, chambering, stocking, bluing, etc. Jap rifles converted to 30-06 or 6.5 with Robert's case, or rebarreled to any popular cartridge. Complete guns built to order. The Gun Shop, 110½ Broadway N., Seattle 2, Washington.

ATTENTION GUNSMITHS, HOBBYISTS: Double bluing tank outfit: two 36"x6" tanks complete with Johnson Gas Burners, valves, etc., mounted in special made welded frame on casters; slightly used but perfect, only $45.00. Driver Equipment Co., 1152 Valencia St., San Francisco 10.

GUARD SCREWS, NEW, FRONT AND REAR, Springfield, Enfield, Mauser, Krag, 35¢ each, $3.00 dozen, $20.00 hundred. Robert Woerner, 6536 Oxford Avenue, Philadelphia 11, Penna.

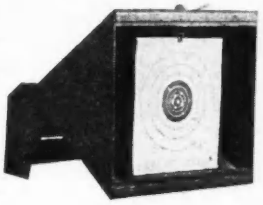
SHORT RIFLE ACTIONS—YOUR MILITARY action shortened for popular short cartridges, complete featherweight rifles—custom rebarreling—Enfields altered to cock on opening $8.00. Frontier hammers rebuilt to factory gauges $4.00. All work thoroughly safety tested—discount to gunsmiths—post card for prices. P. W. Hookey and Son, 3986 E. Walnut Ave, Lynwood, California.

STOCK BLANKS OREGON MYRTLEWOOD AND MAPLE
Hard dense grain—nice color contrast. Air dried. Plain to extra fancy figure $5 to $25. Semi-inletted and rough shaped $5 extra.
C. W. Stickney, 3203 S. W. Hamilton, Portland, Oregon

DETROIT BULLET TRAPS

ARE NOW USED EXCLUSIVELY BY

- **Ed McGivern, world famous fast and fancy revolver shot.**
- **Claude Parmelee, Internationally famous big-game hunter and exhibition shooter.**
- **And a host of others, amateur and professional.**



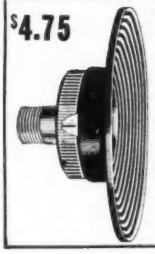
The reasons why they are using Detroit Bullet Traps are obvious: These popular portable bullet traps are compact, simple, inexpensive and they provide highest efficiency without the use of sand or waste. They are ideal for .22 caliber rifles and all caliber pistols and revolvers.

CLAUDE PARMELEE MODEL, 16" x 16" x 55 lbs. $25.00 FOB Detroit.
STANDARD MODEL, 12" x 14" x 37 lbs. $16.00 FOB Detroit.

DETROIT BULLET TRAP COMPANY

8600 LYNDON AVENUE • DETROIT 21, MICHIGAN

$4.75



MERIT IRIS SHUTTER

Master Target Disc with flexible rubber light shield

The answer to a rifleman's sighting problems! For clear targets and quick sight alignment use the master disc. Particularly adapted for use with extension, telescope height and tang sights. Choice of 12 different apertures offers the right size peep opening for any shooting condition. Write for free folder 2-T

LENS FITS IN HERE

$5.50

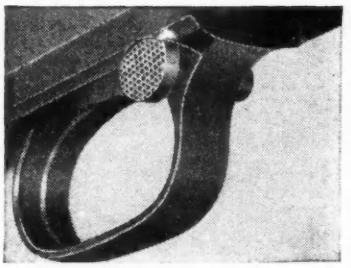
MERIT IRIS SHUTTER lens disc for riflemen who need optical aid

The shooter who needs optical correction can have lens prescription ground to fit his own eye. Lens is held firmly and gives sharp sight picture in all shooting positions. Eliminates cleaning and steaming of glasses. Get top scores with a Merit Iris Shutter Lens Disc

Standard No. 3 Lens Disc.....$5.50
Master Target Lens Disc.....$6.75
(Instructions come with disc)

MERIT GUNSIGHT CO.

6144 Monadnock Way Oakland 3 California



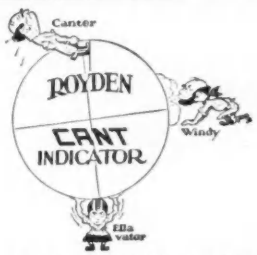
THE "BIG HEAD" SAFETY

FOR WINCHESTER MODEL 12

Fits all gauges, right or left hand available. Fast, certain. No fumbling—even with gloves. Simple and easy to install. **$2.95**

See your dealer.

A-B ENGINEERING
4303 N. Sawyer Ave. Chicago 18, Ill.



Installed in your WEAVER K2.5; K4; or K6 ..... $12.50
New WEAVER with the Royden Cant Indicator installed:
K2.5 ..... $47.25 K4 ..... $54.75

Immediate Delivery

ROYDEN INSTRUMENT AND RESEARCH CORP
Box 2285 Reno, Nevada

ENGRAVING

ON GUNS, JEWELRY, ETC.
GOLD & SILVER CASTINGS

Custom-Made Jewelry to Order

COLE AGEE

Room 2, Trinidad National Bank Bldg.
Trinidad, Colorado

FAMOUS BULLS-EYE INDOOR

SHOOTING KIT

Shoots No. 6 Shot
Noiseless—Harmless
SURPRISINGLY ACCURATE

Plain Blue Model Kit Ready-to-shoot $3.50
Makes an ideal gift—for fun and serious target practice. We prefer you see your favorite dealer; if he cannot supply you send $3.50 for postpaid delivery.

BULLS-EYE Mfg., 7533 Fay Ave., La Jolla, Calif.

TARGET & VARMINT SHOOTERS' SUPPLIES

Ammo., Match $12.90 M; Reg. $10.75 M—Wilson—B&M Tools—Lyman Scope Blocks—Wm. & Rem. Primers $6.30 M—Dupont Powders, Rifle $1.75 lb.; Pistol $1.10 ½-lb.—The New Redding Powder Scale $6.50—G&H 2R Lovell Cases $5.00 per 100—Myers' Sling-Eze Cuffs & Straps—New Army Type Slings $2.00—Croft "Factory Seconds" Coats $7.25—Cleaning Rods & Supplies—Samworth Books—Other Items. Write for latest list and prices.

R. W. SPROWLS 1600-7th Ave., S.E. Cedar Rapids, Iowa

Feather Weight Rifles-

Chambered for shells of your own design, or standard. Accuracy guaranteed. Tools, Dies, Case Drawing, Loads Developed. Fine Custom Stocks. Military Conversions.

Our Prices Reasonable, Our Work Is Right

CHAS. CORNETT, Box 1682 Flagstaff, Ariz.

"Trader Max" says

TRADE NOW! EXPRESS GUN FOR ESTIMATE. I'LL ANSWER SAME DAY

Colt — S&W — Rem. — Win. — Guns Are Coming! Get on Our List Today!

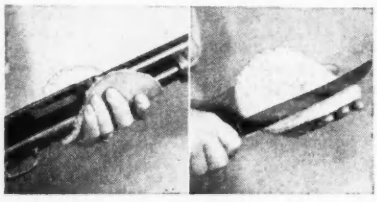
1948 GUN POLICY

"Send your name and address on a penny post card, listing the guns (scopes, mounts and other equipment too) you want. We'll file them in the order received. As fast as we receive shipping notice from the factory, we will send you a notice with the present price and you will have the first opportunity to purchase these scarce guns and equipment. You may send a deposit to hold and ship COD or remit in full and gun or equipment will be rushed prepaid."

IN STOCK - PROMPT DELIVERY

High Std. HDM—4½, 6¾	$49.50
H&R 922	24.75
Marlin #39A Lever Action	50.45
Weaver J4 PPD. $27.50. K6 PPD.	48.50
Weaver G4 w/mount	PPD. 9.75
Weaver J2.5	PPD. 22.50
Weaver K2.5, Coated	PPD. 37.50
Weaver K4, Coated	PPD. 45.00
H&R Sportsman 22	44.95

Finks
"Famous for Sports"
WILLIAMSPORT, PA.



Protects Anything That Rusts!

Natural sheepskin wiper treated with a proven Rust Inhibitor. Positive protection against rust for firearms, skates, tools, tackle, etc. Does not pit or damage the finish of finest steels in any way. Lasts for years. *Recommended by leading Gun Editors.*

Sold throughout the world. Ask your dealer. **25c**

DEX-KLEEN WIPER

Manufactured by

DECKER BROS., INC. Mason City, Ia.

• GUNSMITHING

A complete service
Fine sporting and varmint rifles
Custom stocks made to order

REBARRELING

.219 Donaldson Wasp	.22 Hornet
.219 Zipper	.30-40 Krag
.219 Imp. Zipper	.30-06 Gov't.
.2R Lovell	.300 H. & H. Mag.
.22-250	.300 Savage
25-35 Win.	.270 Win.
35 Whelen	7mm Mauser
375 H. & H. Mag.	.257 Robts.
.218 Bee	.250-3000 Savage
.218 Imp. Bee	.270 Ackley Mag.
.220 Swift	.275 Ackley Mag.
	.300 Ackley Mag.

I. O. STONE CO.
Life Member
23540 W. Eleven-Mile Road,
Route 3 Birmingham, Michigan

NYON

NYLON — THE PERFECT CROSS HAIR

EXTREME SHOCK STRENGTH. Unsurpassed for resistance to heat, cold and dampness. Excellent sharpness and opacity. Installed in U. S. and foreign-made hunting and target scopes. All diameters.

U. S. makes ..... $6.00 Foreign makes .... approx. $9.00

NEW SCOPES IN STOCK WITH NYLON CROSS HAIRS—

Weaver K2.5, coated ..... $40.00 Weaver J2.5 scope $25.00

THIE-WEN CO. Town Line Road North Java, N. Y.
The originators of NYLON CROSS HAIRS

ATTENTION ▼

SPORTSMEN or SOUVENIR Hunters

Genuine American Soldier's Steel Helmet with liner or Genuine U. S. Army Haversack, 30¢ each—four for $1.00.

STEWART, KING & McKENZIE, Selma, Ala.

You can put this space to work for you regularly, at a very reasonable cost —only $21.00 per month for 12 consecutive insertions.

A One-Inch Display "Ad"

Rates are slightly higher on an every-other-month schedule or for single insertions. The circulation of **THE AMERICAN RIFLEMAN** is now over 295,000 copies monthly —and increasing steadily. We are producing splendid results for dozens of advertisers who use this size space right along. Send us "copy" instructions now, for the next issue.

HELP, PLEASE!

Established gunsmith wants reasonable loan to expand shop facilities. Rated Dun & Bradstreet.

G. R. HUNTER • Palatka, Florida

SORENSEN

SPRINGBOARD SCOPE MOUNTS NOW IN PRODUCTION.

See Al Barr's article on Telescope Sight mounts in the Nov. '47 issue of the American Rifleman. "One scope for any number of rifles" is our slogan. *Write for illustrated circular.*

ANDY SORENSEN, P. O. Box 132, Roscoe, Calif.

THIS COUPON FOR USE WHEN ANSWERING THIS "AD"

THE POLY-CHOKE CO., 171 Tunxis St., Hartford, Conn.

Gentlemen: Please send me my copy of booklet on wing shooting and your special offer on POLY-CHOKE.

Name .....

Street .....

City ..... *State* .....

GOVERNMENT WORK COMPLETED! WE are now available for high-class gunsmithing to sportsmen: Rebarreling, rechambering, mounting of scope sights and our own special combination aperature sights and scope mounts. 8mm. Mausers rechambered for .325 Magnums. (No Jap junk, please.) American Tool & Die Works, 119 Bleecker St., New York 12, N. Y.

TRADE—GUN WORK FOR USED & OUT-OF-date guns, parts, supplies. Ackley barrels fitted, quality rebluing, general gunsmithing. Verne Lietz, Gunsmith, Cokedale, Colorado.

ENFIELD 1917 EJECTORS, CALIBER 30-06, new, 35¢ each, $3.00 dozen, $20.00 hundred. Robert Woerner, 6536 Oxford Avenue, Philadelphia 11, Penna.

RIFLED BARREL BLANKS—REVOLVER 1" by 9" .38 and .45 cal. $5.00. 1" by 27" .38 and .45 caliber $15.00. Chrome-nickel rifle blanks 1¼" by 27" .35 Whelen and .270 cal. $16.00. Colt S.A.A. cylinder bolts $2.00. Trigger springs 75¢. J. H. Danskin, Rt. #2, Box 247, Fontana, California.

F.N. MAUSER ACTIONS COMPLETE FITTED with Buhmiller, Ackley, or Johnson sporting barrels in .22-250, .220 Swift, .250-3000, .257, .270 7mm. and 30-06 calibers, price $75.00 net, tested, not blued, no sights, no stock, guaranteed highest workmanship, satisfaction or money back. Military actions same as above barrels and conditions, $65.00 net. Take fine Mauser or other bolt actions and parts in trade. Sporting barrels in above calibers to customers actions, $32.50, 2 week delivery. Discount to shops on barrel fitting only. Sell Mauser .22-250 target rifle, deluxe stock Winchester barrel, blocks, shot about 300, perfect in and out $150.00. Highest accuracy and finest workmanship in this rifle. Satisfaction or money back. Get your fine Varmint rifle made up now, and be ready. Complete rifles on the new fine F.N. Mauser actions, $150.00 to $200.00. Send your actions via Parcel Post to G. R. Douglas, Rt. #3, Box 297-A, Charleston, W. Va.

BARRELS FITTED TO YOUR BOLT ACTIONS. All popular calibers polished and blued $37.00. Sporter stocks. Checkered pistol grip and forend. Steel butt plate and grip cap. Swivels $40.00. Have a few good Mauser actions will fit barrel your choice caliber and blue ready for stocking. No sights $65.00. Complete rifles made to order. Life Member. Charles E. Bryant, 818 Sherwood Road, Charleston, W. Va.

WE CONVERT 7.7MM. (31) JAP RIFLES TO .300 Savage, complete with magazine alterations, for $15.00. Orahood Gun Shop, Ordway, Colorado.

CUSTOM BARREL FITTING AND CHAMbering on bolt action rifles, for all popular calibers. Buhmiller, Chrome Moly barrel blanks. Rebluing, bolts altered for low scope mounting, scope mounting, and sight installation. We carry a large stock of scopes, mounts, sights, and other shooters' supplies. Medford Gun Shop, 1517 No. Riverside, Medford, Oregon. 4-48

MILITARY RIFLES CONVERTED TO BEAUtiful sporters. Restocking, rebarreling, rebluing. New sights, scopes, mounts. Nydar sights, Cutts and Weaver chokes furnished and installed. New and used guns as available. Sure I trade. Mayfield's Gun Shop, Pomeroy, Washington.

CUSTOM GUNSTOCKER AND GUNSMITH. Walnut sporter stocks completely inletted to your individual action shaped ready to finish $16.50. Finished and checkered $37.50. For custom work, complete remodeling of military rifles Gunsmithing etc. Write for estimate. H. Dean Driggers, Citizens Bank Bldg. Liberty, Missouri.

SINGLE ACTION COLTS REBARRELED, rebuilt—complete service: .38 Special barrels 4-¾" to 6" $12.50. Cylinders rebushed $12.50. Rebarreling Mausers, Enfields, Springfields in .257 Roberts and 30-06, including rebluing and magazine alterations $35.00. The above rifle barrels manufactured by Idaho Rifle Shop. Rifles and shotguns reblued $8.50; pistols $6.50. Cutts compensators 12, 16 and 20 gauge, your choice of two tubes, $22.50 installed. All inquiries answered. All work guaranteed. Ship guns express, prepaid McCown Repair Service, 218 S. Main, Jacksonville, Texas.

POWDER #4895 LB. 75¢, 10 LBS. $6.75, 150 lbs. $30.00; Hercules, Dupont $1.75 lb. Speer and M.G.S. bullets .257, 8mm. Sisk 42 and 54 8mm. handloads 12½¢, primers 60¢. B.E. Hodgdon, Merriam, Kansas.

PARTS FOR ENFIELD AND SPRINGFIELD Enfield ears removed and precision ground write for list and other services. (Stocks & handguards Springfield) W. Smysor, 629 East 12th St., Davenport, Iowa.

MILITARY RIFLES REMODELED BARRELS fitted rebluing new barrels in .22-25-30-35 caliber. Brodeur & Nedeau, 302 East, Ludlow, Mass.

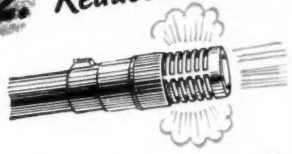
COLT SINGLE ACTIONS REPAIRED AND altered to .38 special. Bill Kirsh, 1284 Sunset, Los Angeles, Calif. tf.

Only the *NEW*, VENTILATED POLY-CHOKE gives you these 3 great features

1. More Perfect Patterns

The tremendous gas pressure, exerted on the rear wad after it leaves the choke, is greatly reduced by the slots on the side of the new, ventilated Poly-Choke, effectively reducing the frequency of the wad smashing into the rear of the shot column as it leaves the gun.

2. Reduced Recoil

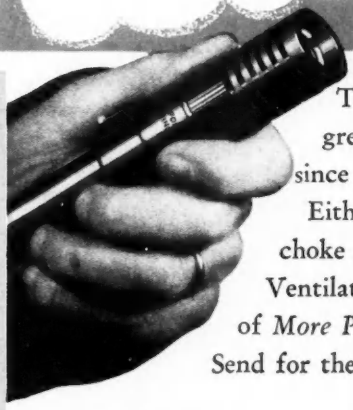


The forward thrust of the gases against the front face of the slots in the sleeve and their quicker release sideways through the vents materially reduces the recoil without lessening shot velocity.

3. NINE Degrees of Choke

WITH A *TWIST* OF THE WRIST

Only a Poly-Choke, Ventilated or Standard Model, can give you instantly the choke you need — from full to reverse — for all kinds of game. No tools required, no tubes to change. You always shoot the gun you know and like best. Let Poly-Choke make your gun *Nine-Guns-in-One!*



The new, Ventilated Poly-Choke is the greatest advance in shotgun shooting since the original Standard Poly-Choke. Either model gives you nine degrees of choke and improves your shooting, but the Ventilated gives you the added advantages of *More Perfect Patterns* and *Reduced Recoil.* Send for the *free* wingshooter's handbook today!

THE POLY-CHOKE CO., INC.,
E. Field White, PRES.

Poly-Choke

AUTHORIZED AGENCIES

ANDY ANDERSON'S SPORTING GOODS, 124 West Grand, Oklahoma City, Okla.
R. S. ELLIOTT ARMS COMPANY, 1508-10 Grand Ave., Kansas City, Mo.
EWELL CROSS GUN SHOP, 4101 East Rosedale, Fort Worth 5, Tex.
FLINTROP SPORT SHOP, 1900 W. Forest Home Ave., Milwaukee 14, Wis.
GUNNING WHOLESALE SPORTING GOODS CO., 108 Greenwood Ave., Wichita 7, Kan.
THE W. A. HOLT CO., INC., 1017 Fannin at Lamar, Houston 2, Tex.
W. JOHNSON SERVICE, Adrian, Mich.
KAYWALT SPORTING GDS. CO., 73 Brown St., Dayton 8, Ohio
PAUL S. LINFORTH, 420 Market St., San Francisco 11, Calif.
MARSHALL FIELD & COMPANY, Chicago, Ill.
MONTGOMERY WARD & CO., Any Store
EMIL C. NOVOTNY, 323 Jackson St., St. Paul, Minn.
SCHASCHL BROTHERS, 4156 East Atherton Rd., Flint 7, Mich.
SCOPE SALES CO., 326 Queen St., Ottawa, Ont., Can.
SEARS, ROEBUCK & CO., Any Store
SHAPLEIGH HARDWARE CO., 900 Spruce St., St Louis 2, Mo.
TAGGART BROTHERS, 16018 Warren Ave. E., Detroit 24, Mich.
THURMAN RANDLE & CO., 208 N. Akard St., Dallas, Tex.
VON LENGERKE & ANTOINE, 9 North Wabash Ave., Chicago 2, Ill.
WARNER HARDWARE CO., 13 So. Sixth Street, Minneapolis, Minn.
WITTE HARDWARE CO., 704 N. Third St., St. Louis 2, Mo.
YORK ARMS CO., 162 S. Main St., Memphis, Tenn.

The POLY-CHOKE CO., Inc., 171 Tunxis St., Hartford, Conn.
Gentlemen: Please send me your FREE booklet about wing-shooting and special offer on POLY-CHOKE.

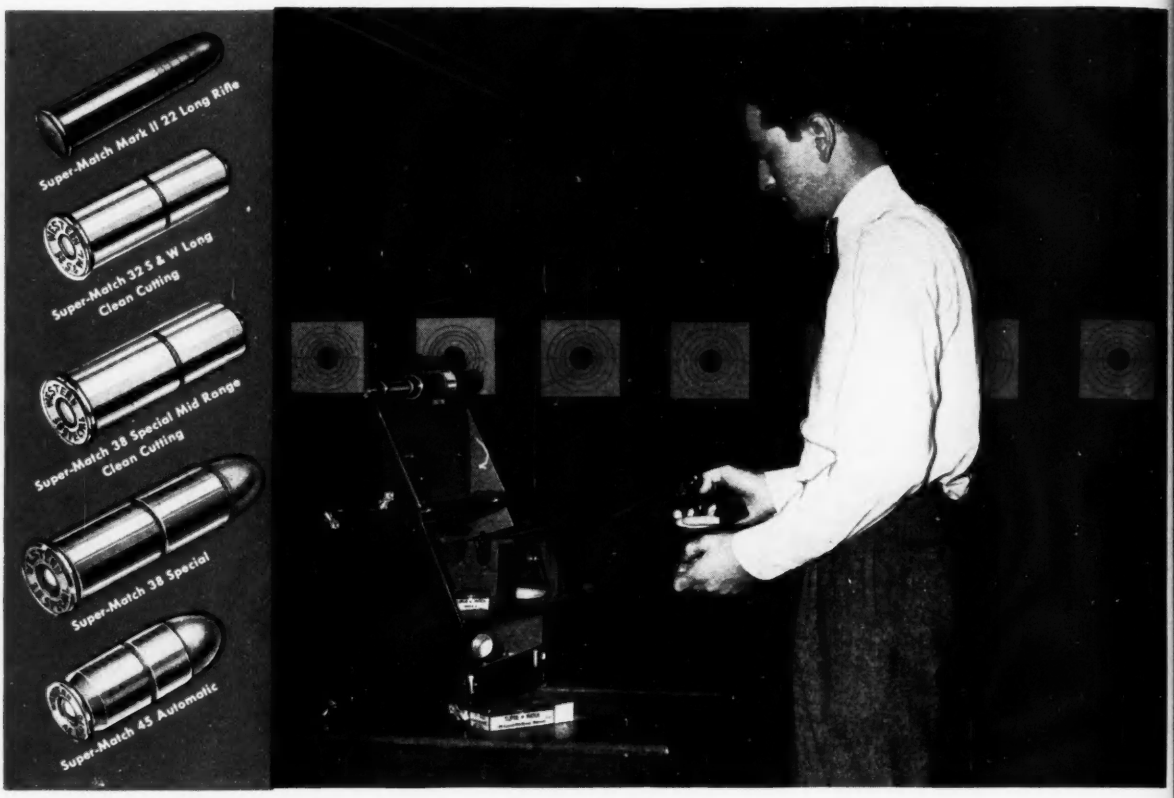
Name _____

Street _____

City _____ State _____

You Must Be Consistent To Be a Winner

That's why shooters at Camp Perry
and other important matches consistently shoot SUPER MATCH


Super-Match Mark II 22 Long Rifle
Super-Match 32 S & W Long Clean Cutting
Super-Match 38 Special Mid Range Clean Cutting
Super-Match 38 Special
Super-Match 45 Automatic

When you start to shoot the works in match competition, these fundamentals of pistol shooting must be followed consistently—proper stance, grip, sight alignment, breathing and trigger squeeze.

The final, and perhaps most important step, is to shoot the ammunition that champions shoot—Super-Match. The Western Super-Match cartridges especially designed and recommended for pistol and revolver shooting are:—

Super-Match Mark II 22 Long Rifle
Super-Match 32 S & W Long Clean Cutting
Super-Match 38 Special Mid Range Clean Cutting
Super-Match 38 Special
Super-Match 45 Automatic

Regardless of your target or range—indoors or outdoors—Western Super-Match will help you win. Use the coupon for a FREE copy of the Western Ammunition Handbook. You will find its 72 pages of ballistics and other information, very interesting and helpful.

Western Cartridge Company, Dept. 3-H
Division of Olin Industries, Inc.
East Alton, Illinois

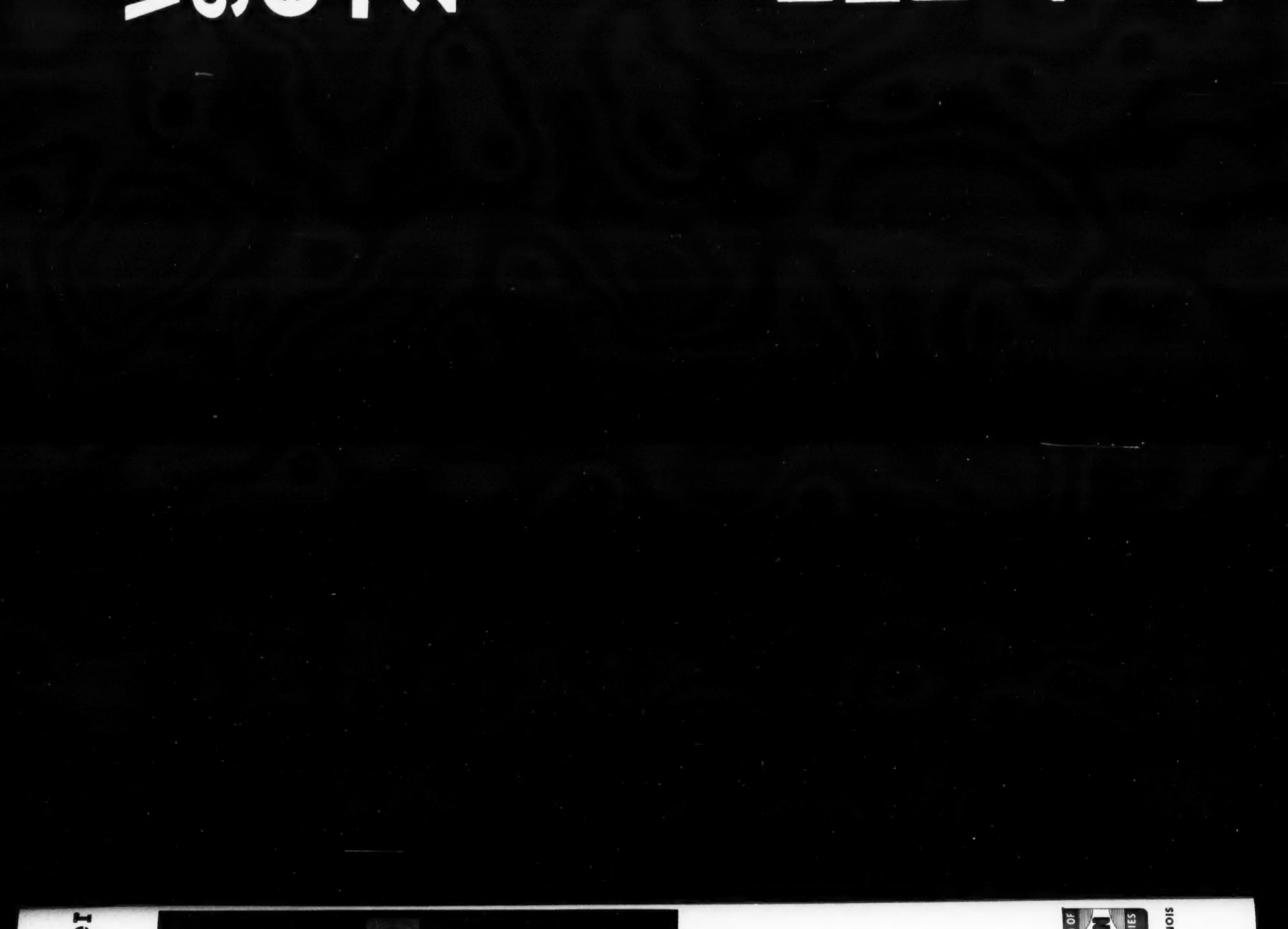
Please send me free copy of Western Ammunition Handbook describing Western Ammunition.

NAME.....

STREET & NUMBER.....ZONE.....

CITY.....STATE.....

Western
WORLD CHAMPION AMMUNITION

DIVISION OF OLIN INDUSTRIES INC.

WESTERN CARTRIDGE COMPANY • EAST ALTON, ILLINOIS
DIVISION OF OLIN INDUSTRIES, INC.